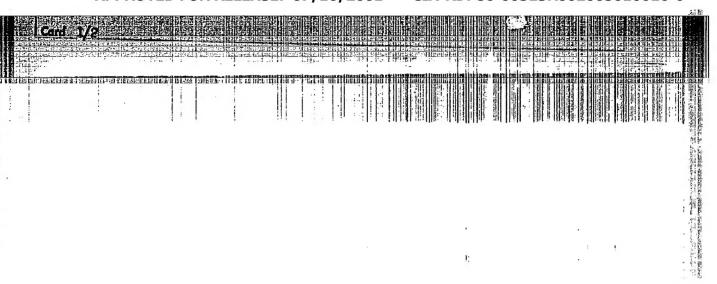


AUTHOR: Zhukovskiy, V.	Ye.					1,1
ORG: none	and Edward of Strings					72
TITLE: OKB-924, inducti	on installation					
SOURCE: Ref. zh. Meta	역 보다는 아니라 하나 되지 않는데 하다	06				
REF SOURCE: Elektroter	miya. Nauchno-teki	n. sb., vyp.	44, 1965,	11-12		
TOPIC TAGS: pipe, meta welding technology	l heat treatment, h	eating engine	eering, is	mudtion	hardening	
TRANSLATION: In 19	64, the Azerbayd	zhan Pipe)	Rolling.	Plant 1	nen1	
V. I. Lenin began u the Special Design Institute of Electr	Bureau of the Al ical Heating Equ	1-Union So	lentifid nese ins	Hescar Laliati	ch one	
are part of the pla drill pipes and are	nt equipment in	the section	n for pr	oduotio:	n of	
ing the end coupler matic diagram and t	s to drill pipes	(on a but	t wolder	A B	olie-	
	ven. V. Pryanikova			i jedingan		
12.1-1-1-1						
SUB CODE: 13						

E 626-15-65 EMA (R)/PED/INIT(1)/PHP(1



EWT(1) ACC NR. AP6030708 SOURCE CODE: UR/0368/66/005/002/0133/0137 AUTHOR: Burakov, V. S.; Zhukovskiy, V. V.; Naumenkov, P. A.; Yankovskiy, ORG: none TITLE: Investigation of atomic absorption spectra of an electric discharge with radiative and absorptive layers separate in space SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 2, 1966, 133-137 TOPIC TAGS: atomic spectrum, absorption spectrum, pulse discharge, spectral line, oscillation strength 7 ABSTRACT: A simple method is described for obtaining atomic absorption spectra with the sid of pulse discharge. Possibilities are analyzed for practical applications of the results in spectral analysis and for determining the relative oscillator strengths of multiplet lines. Orig. art. has: 2 figures and 1 table. [Based on authors' abstract] INT SUB CODE: 03/ SUBM DATE: 27Aug65/ ORIG REF: 009/ OTH REF: 004/ Cord 1/1 hs UDC: 535, 34

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065010016-0

L 29679-66 EVT(m)/EWP(e) WH
ACC NR: AP6012852 SOURCE CODE: UR/0363/66/004/004/0306/0312

AUTHOR: Prishivalko, A. P.; Durakov, V. S.; Ehukovskiy, V. V.; Kopanik, Ye. K.

ORG: none
TITLE: Investigation of losses in a resonator with non-parallel bases

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 4, 1966, 306-312

TOPIC TAGS: neodymium glass, solid state laser, laser cavity, laser optics, laser and d, laser energy

ABSTRACT: In view of the fact that the radiation-power losses of a laser depend greatly on the adjustment of the resonator mirrors, the authors analyze in detail, both theoretically and experimentally, the dependence of the laser parameters on the angle between the mirrors. The theoretical analysis is made in the geometric-optics approximation and is based on a calculation of laser resonator losses published by B. I. Stepanov and V. P. Gribovskiy (UFN v. 82, 201, 1964). A formula is derived for the loss coefficient of the mode with the largest number of passages of the beam, and is used to calculate the loss coefficient of a neodymium-glass laser. The results of the calculation were checked experimentally for three samples of neodymium-glass with different diameters and different surface finishes,

Card 1/2

unc: 621.375.9

	L 29679-66				
17.59	ACC NR: AP6012852	قوقرة العاملات الأيها المستخطيط المسترد (والدارات المسترد)	are the purpose manager spaces among species of will be a se		1
	using a measurement pr	hadleenah arehaan	he the authors earli	or (2hPS v. 2. 504	
	using a measurement pr 1965). This method is	Ocedare describen	ing the internal los	ses of the laser f	rom
	the characteristic ris	e time of the lasi	ng action. Plots ar	a presented of the	
	relative loss coeffici	ent and the relati	ve emission power ag	ginst the mis-	
	alignment angle of the	mirrors. The cal	culations show that	the losses increas	3 e
	rapidly with increasing	g angle, and that	the minimum angle at	which the loss ca	ın
	be neglected is ~15.5"	, which is lower t	han that given in th	in publianed specia	tion
	20 1100-1111				
	tion. The discrepancy	is attributed to	the presence of syst	he outhors thank	rotes .
	tion. The discrepancy	eflection of the b	eams to one side.	he authors thank	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B.	leflection of the l	eams to one side. I	he authors thank	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B.	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	
	tion. The discrepancy in the rods, causing d Academician AN BSSR B. the results. Orig. ar	I. Stepanov for to has: 4 figures	peams to one side. The near the work and 10 formulas.	he authors thank and a discussion o	

THE REPORT OF THE PROPERTY OF EWP(e)/EWI(m)/EWP(t)/EII IJP(c) JD/WW/JG/WW AP6031745 SOURCE COLE: UR/0072/66/000/007/0011/0014 08399-67 ACC NRI AUTHOR: Shumitskaya, L. F.; Gegelashvili, V. K.; Zhukovskiy, V., V.; Svidzinskaya, I.V. ORG: Ordzhonikidze Plant of Container Glassware and Glass Insulators (Ordzhonikidsavskiy steklotarno-izolyatornyy zavod) TITIE: Production of glasses stable to the action of alkali metal vapors SOURCE: Steklo i keramika, no. 7, 1966, 11-14 TOPIC TAGS: borate glass, aluminophosphate glass, sodium, cesium ABSTRACT: As a result of studies of aluminoborate and aluminoborophosphate glass systems, carried out at NIIES, S50-1 glasses stable to the action of cesium vapor and S50-2 glasses stable to the action of sodium vapor were developed. The founding and processing technology worked out by NIIES has been used at the Ordzhonikidze Plant since 1963. Physicochemical and other properties of 350-1 and 350-2 glasses are reviewed. The furnaces used for founding the glasses and the schedules employed are described. The adoption of production of glasses resistant to alkali metal vapors has permitted the Moscow Electric Lamp Plant (Moskovskiy elektrolampovyy zavod) to manufacture highly economical sodium vapor illumination lamps and sodium and cesium vapor spectral lamps. Orig. art. has: 4 figures and 2 tables. SUB CODE: 11/ SUEM DATE: none/ ORIG REF: 001 UDC: 666.117.4 Card 1/1 afs

L 08357-67 EWT(1)

KI AR6028132

SOURCE CODE: UR/0058/66/000/005/D033/D034

THE SOUTH OF THE STATE OF THE RESTREET FREE FROM THE REPORT OF THE PERSON OF THE PROPERTY OF T

AUTHOR: Burakov, V. S.; Zhukovskiy, V. V.; Naumenkov, P. A.; Yankovskiy, A. A.

TITLE: Investigation of atomic absorption spectra of an electric discharge with spatially separated emitting and absorbing layers

SOURCE: Ref. zh. Fizika, Abs. 5D235

REF. SOURCE: Tr. Komis. po spektroskopii AN SSSR, v. 2, vyp. 1, 1964, 478-483

TOPIC TAGS: absorption spectrum, atomic spectrum, electric discharge, gas discharge spectrosocopy

ABSTRACT: A method is proposed for obtaining atomic absorption spectra, based on the spatial separation of the same electric discharge into absorbing and emitting layers. Unlike the existing methods of atomic absorption analysis, the proposed method ensures the production of atomic absorption lines with high excitation energy. A study is made of the influence of the discharge parameters and of the method of introducing the substance in the discharge on the character of the spectrum. The possibility is discussed of using the obtained discharge to measure the relative probabilities of the transitions and to solve analytic problems. [Translation of Abstract]

SUB CODE: 20

Card 1/1 nst

ZHUKOVSKIY, YA., Prof.

Russia - Economic Conditions.

Care of the welfare of the people is the highest law of the Lenin-Stalin party.

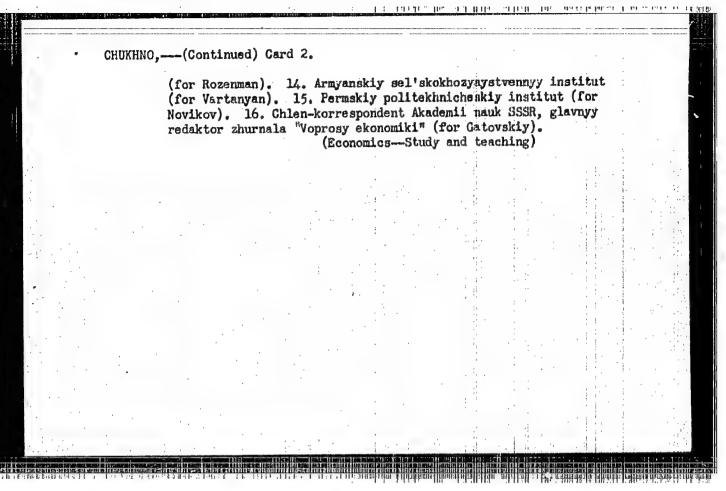
soiuzy 8, no. 3, 1953.

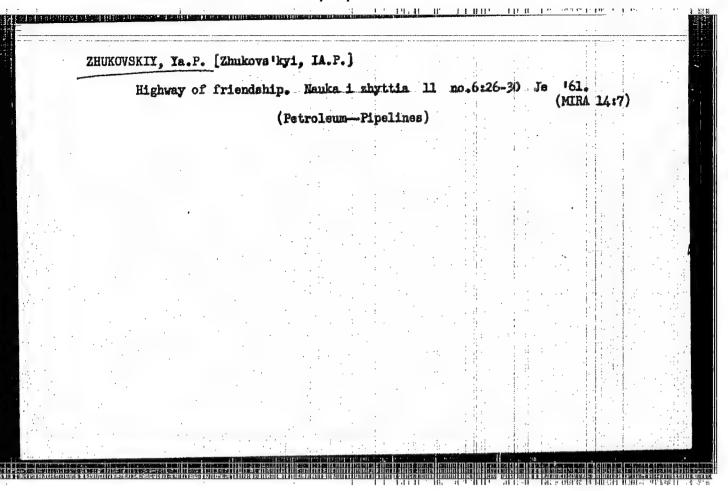
Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

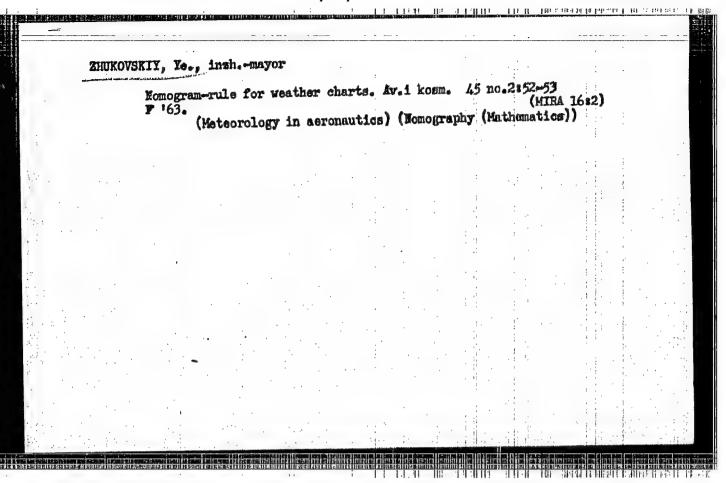
CHUKHNO, A.A.; KOZLOV, G.A.; KASHCHENKO, A.I.; AGANHEGTAN, A.G.; VOLKOV, M.I.; ZHUKOVSKIY, Ya.M.; NAGOHNYY, A.F.; TSAGOLOV, N.A.; KOVALEVA, M.F.; PAVLOV, P.M.; ATLAS, M.S.; KATS, A.I.; NAROVLYANSKIY, N.G.; ANCHISHKIN, I.A.; SPIRIDONOVA, N.S.; KRONROD, Ya.A.; SULIMOV, I.A.; BREGEL', E.Ya.; ROZENMAN, Ye.S.; VARTANYAN, K.A.; NOVIKOV, V.A.; GATOVSKIY, L.M.

Structure and content of the course on the economics of socialism. Vop. ekon: no.6:57-143 Je '62. (MIRA 15:6)

1. Kiyevskiy gosudarstvennyy universitet (for Chukhno). 2. Vysshaya partiynaya shkola pri TSentral'nom komitete Kommunisticheskoy partii Sovetskogo Soyuza (for Kozlov, Volkov, Zhukovskiy). 3. Yaroslavskiy gosudarstvennyy pedagogicheskiy institut (for Kashchenko, Narovlyanskiy, Sulimov). 4. Institut ekonomiki i organizatsii promyshlennogo proizvodstva Sibirskogo otdeleniya AN SSSR (for Aganbegyan). 5. Institut povysheniya kvalifikatsii prepodavateley obshchestvennykh nauk pri Kiyevskom gosudarstvennom universitete (for Nagornyy). 6. Moskovskiy gosudarstvennyy universitet (for TSagolov, Spiridonova). 7. Akademiya obshchestvennykh nauk pri TSentral nom komitete Kommunisticheskoy partii Sovetskogo Soyuza (for Kovaleva). 8. Leningradskiy finansovo-ekonomicheskiy institut (for Pavlov). 9. Moskovskiy finansovyy institut (for Atlas). 10. Nauchno-issledovatel skiy institut truda (for Kats). 11. Institut ekonomiki AN SSSR (for Anchishkin, Kronrod). 12. Moskovskiy ekonomiko-statisticheskiy institut (for Bregel'). 13. Moskovskiy energeticheskiy institut (Continued on next card)







ZHUKOVSKIY, Ye.A.

Some data on late results of so-malled essential hematuria. Urologiia 28 no.5:15-18 S-0'63 (MIRA 17:4)

1. Iz kafedry (zav. - prof. M.N. Zhukova) urologii Leningradskogo instituta usovershenstvovaniya vrachey.

A Militaria de la Capación de Marcal partenante para como para montra de la como de la como de la como de la c		and arrient to a		
L 21844_66 EWA(b)/EWP(c)/EWP(k)/E	wr(a)/ENT(a)/ET	C(m)-6/17/EM/	1, 245(4)	
ACC NR: AP6010273 DIAAP	SOURCE CODE:	UR/0381/66/000	/001/0042/0048	Transition of the same
DIAAP	. 111115	147 4 4	A JATHA IN	ii ayak
- AUTHOR: Sul'kin, A. G.; Mayorov, A. N	.; Zhukovskiy, Ye	2. A.	37	
	Same Links and a later blanchisting	ca the second to	34	
ORG: none			ρ	
			U	
TITLE: New y-flaw detectors				
SOURCE: Defektoskopiya, no. 1, 1966,	42-48			
	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]			13 H
TOPIC TAGS: nondestructive testing, n	ondestructive que	ality control, f	law detector,	
gamma flaw detector				
ABSTRACT: The satisfactory performanc types of aircraft, and thousands of ki	e or soviet rocke	ets, Hiomic Buch	ade possible	
for the most part by extensive use of	nondestructive to	esting methods.	Among the	
nondestructive-testing methods, those	based on the use	of y-radiation	ne particularly	
significant. The v-flaw detectors are	simple reliable	e, modale, seli-	contained, and	
compact They can be used under field	conditions and	in congested are	as Consideredo.	
cocium-137 iridium-192, thulium-170.	and selenium-75	are the most wi	delymada sources	
of y-radiation. The Council for Mutua	1 Assistance of	Socialist Countr	lest divided	
the general-purpose γ-flaw detectors, range of material thicknesses. Each of	localla divided	into types accor	ding to the	4- 7
time and size of the redistion course	(see Table 1977)	The Soriet Union	18 & LORGER ID	
the development and manufacture of Y-	flaw detectors.	However, all th	e existing types	
ئىيۇن ئەردار ۋارنىڭ ئالىرى ئالاردۇرى ئالىرى ئالىرى بىلىدى بىرىكىك ئالىرىكىلىك ئالىرى ئارىكى ئارىكى ئالىلىلى ئ	UDC: 620.17	200 A 100 A 100 A 100 A		2
Card 1/3	יייייייייייייייייייייייייייייייייייייי	7-7-		
				in a second
and the state of t	Addition of the state of the st			

e gran grun gja novansku senak nom navalsku uprake.	1 :			1 1 1 1 1 1 1 1 1 1 1 1 1	[]]E 4 2 []	ाः नामग्राम्	ास्त्रतात । इ.सि.चा - <u>।</u>	The state of the state of the
L 21844-66		 .,						
ACC NRI AP6	010273			1.7				
	Table 1. Ga	mma-flew d	letectors				3	
					Thickn	es ringe.	men	
	Designation	Class	17070a	liation ource	Steel	Light allo	ys	
	RID-11	1			115	5150		
	RID-12 RID-21	1		ium-170 lum-137	1—15 10—80	5150 -50300		
	RID-22	5	2 Ces	ium-1.37	10-80	50300		
	RID-31 RID-32	3		alt-60	60—200 60—200			
	RID-33	3		alt-60	60-200			
of these flav								
sources, as w	ith the GD de	tectors ma	de by the	Experim	ental pla	nt "Latvene	rgo" in Ri	ga.
Only recently	the All-Union	n Research	Institut	e of Rad	of the C	gineering l	Mas develor	ed
ance of Socia								
for use under	widely varying	ng conditi	ons from	laborato:	ry to fie	ld. This d	ietector	
can be used f								
60 and 120 mm Card 2/3	. Two other	modilicati	OHB DI TA	TH GREEC	cor are 1	iscended 101	cancris	
								

Ą								
	1 21844-66							0
1	ACC NO ADSOLG	0273						the line
	1.00	and concrete stru	ctures. Two de	tectors,	RID-22 a	nd RID-	33, are 111	DV]
	pipeline welds	orig. art. has:	6 figures and	table				
			LCE / APP PRES	s: 1/22	7			
·	SUB CODE: 13/	SUBM DATE: 04N						
100								
;								
. :								

								100
7								
						4.44.		
	Card 3/3							
	production of the special security							

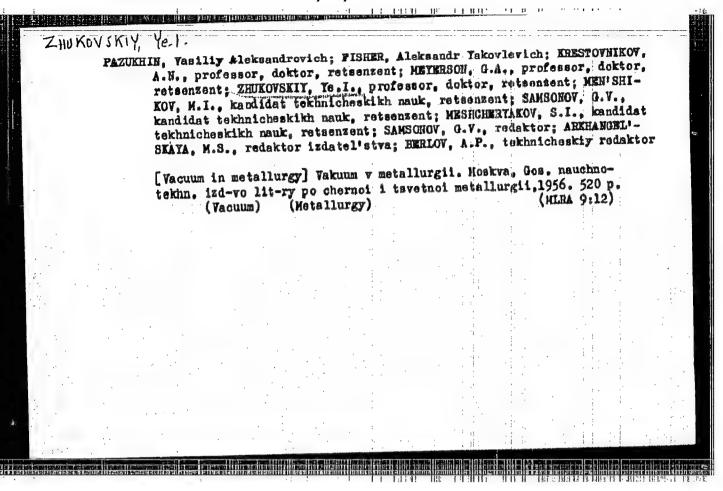
ZHUKOVSKIY, Ye.G., student 5-go kursa										
	Automatic control system for brakes of multiple-unit train sections. Trudy MIIT no.128:92-E00 '60. (MIRA 13:7)					:				
	shalaenodo	roshnogo	transporta.		٠.		The same of	rov		
									,	
						:			:	
3					. :			· , , , , ,		
·					· .				!	
					. :				:	
		Automatic tions. Tru	Automatic control tions. Trudy MIIT	Automatic control system for b tions. Trudy MIIT no.128:92-10 1. Mekhanicheskiy fakul tet. Me	Automatic control system for brakes of mutions. Trudy MIIT no.128:92-800 60. 1. Mekhanicheskiy fakul tet. Moskovskogo 3 mbel synodoroshnogo transporta.	Automatic control system for brakes of multip tions. Trudy MIIT no.128:92-100 160. 1. Mekhanicheskiy fakul tet. Moskovskogo insti	Automatic control system for brakes of multiple-unitions. Trudy MIIT no.128:92-NOO 160. 1. Mekhanicheskiy fakul tet. Moskovskogo instituta in the annotoroshnogo transports.	Automatic control system for brakes of multiple-unit train tions. Trudy MIIT no.128:92-1100 '60. (MIRA 1. Mekhanicheskiy fakul'tet. Moskovskogo instituta inshener	Automatic control system for brakes of multiple-unit train sections. Trudy MIIT no.128:92-100 '60. (MIRA 13:7) 1. Mekhanicheskiy fakul tet. Moskovskogo instituta inshenerov shelesnodoroshnogo transports.	Automatic control system for brakes of multiple-unit train sections. Trudy MIIT no.128:92-100 160. (MIRA 13:7) 1. Mekhanicheskiy fakul tet. Moskovskogo instituta inshenerov shelesnodoroshnogo transporta.

HELVATEV, Anatoliy Ivanovich, professor, doktor; ZHUKUMSLIV ORLIV.

professor, retsensent; ORBYVER, N.S., professor, doktor, retsensent;
GUS'KOV, V.M., professor, doktor, retsensent; TSARKOGEODYSEV, L.D.,
dotsent, retsensent; OHERNOV, A.N., redaktor; ATTOPOVICH, N.K.,
tekhnicheskiy redaktor

[Metallurgy of light metals; general course] Metallurgita legkith
metallov; obahchii hurs. 4-e ind. Moskva, Gos. nauchno-tekhn. ixdvo litry chernoi i tsvetnoi metallurgii, 1954, 403 p. (MIRA 7:10)

(Light metals—Metallurgy)



ZHUKOVSKIY, Ye.I., prof.; BELYAYEV, A.I., prof.; KUZNETSOV, S.I., dots.

Concerning the review of the book by Y.A. Mazel' "Alumina production,"
The test of the book by Y.A. Mazel' "Alumina production,"

(MERA 10912)

1. Zaveduyushchiy kafedroy "Motallurgiya legkikh metallov" SeveroKavkazskogo gorno-metallurgiya legkikh metallov" Moskovskogo inveduyushchiy kafedroy "Metallurgiya legkikh metallov" Moskovskogo instituta tsvetnykh metallov i zolota im, M.I. Kalinina (for Belyayev).

3. Zaveduyushchiy kafedroy "Metallurgiya legkikh metallov" Ural'skogo
politekhnicheskogo instituta im. S.M. Kirovs (for Kuznetsov).

(Alumina) (Mazel', Y.A.)

80V/149-58-4-24/26 Zhukovskiy, Ye. I AUTHOR: 25 Years of the Dnepr Aluminium Works (Dvadtsatipyatiletiye Dneprovskogo alyuminiyevogo zavoda) TITLE: PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Tsvetnaya Metallurgiya, 1958, Nr 4, pp 109-180 (USSR) ABSTRACT: When, soon after the end of World War I, plans were made for the establishment of an aluminium industry in the USSR, the task facing the Russian metallurgists was a difficult one, since the only bauxite ore deposits known at that time (i.e. the Tikhvin deposits discovered in 1916) were of such low grade that in the opinion of foreign experts they were not worth exploiting. However, already in 1915 a method of producing pure alumina from high silica content ores was patented by the present author who had developed it working in cooperation with Professor A. N. Kuznetsov. (A similar method, known as the Pedersen process, was patented abroad at a much later date and is still being used in Norway, at the Hoyanger plant). The laboratory trials of the new, electro-thermic process were completed in 1928 and gave so promising Card 1/3 results that in the same year a special development plant

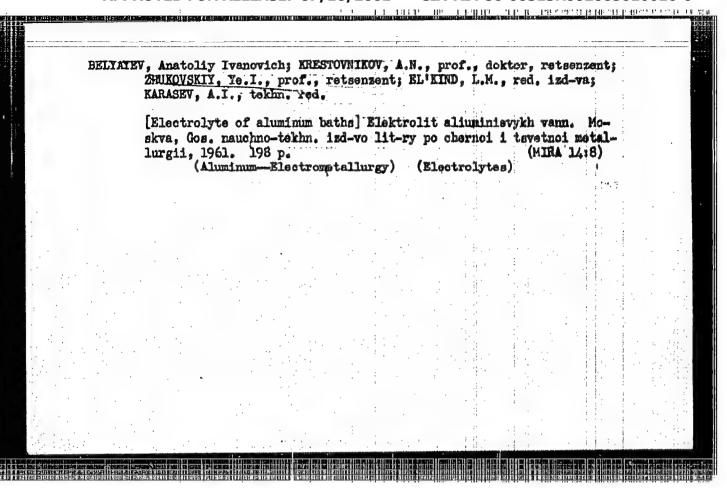
25 Years of the Daepr Aluminium Works SOV/149-58-4-24/26

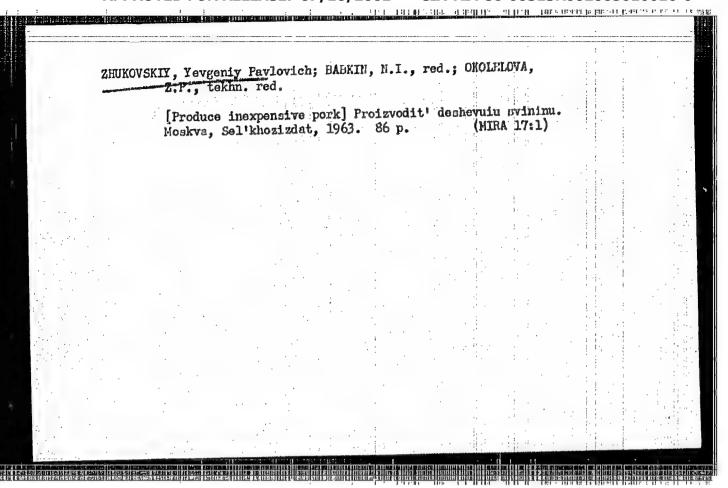
was constructed at the Tsaritsin Works, where standard quality alumina was produced in 1929. At the same time, a part of another (Krasnyy Vyborzhets) works was converted to serve as a development unit in which the first batch of metallic aluminium was produced in 1929. Following the satisfactory completion of the exploratory work, a decision to build the Dnepr and Volkhov aluminium combines was made in August, 1929. a number of large scale production problems, a large development plant was first built in Leningrad in 1929. The construction work on the Deepr plant was started in 1930 and the first batch of metallic aluminium was produced in January, 1933. During the first years of operation the equipment and the production techniques were continuously improved. The electrolytic cells were enlarged from 25 000 to 35 000 amp capacity and continuous anodes, later adopted in all other aluminium plants, were introduced. The Dnepr works was completely destroyed during World War II. In rebuilding it, use was made of all the latest developments in the Later, the manufacturing Card 2/3 aluminium production techniques.

25 Years of the Dnieper Aluminium Works SOV/149-58-4-24/26

process was improved still further by introduction of continuous decomposition of the aluminate solutions in air agitated decomposition? Is a result of which it was possible to make the process completely automatic. Development of a new composition electrolyte made it possible to obtain higher yield per power unit, to increase the current density and yet to minimise the power losses by reducing the number of undesirable anode effects.

Card 3/3



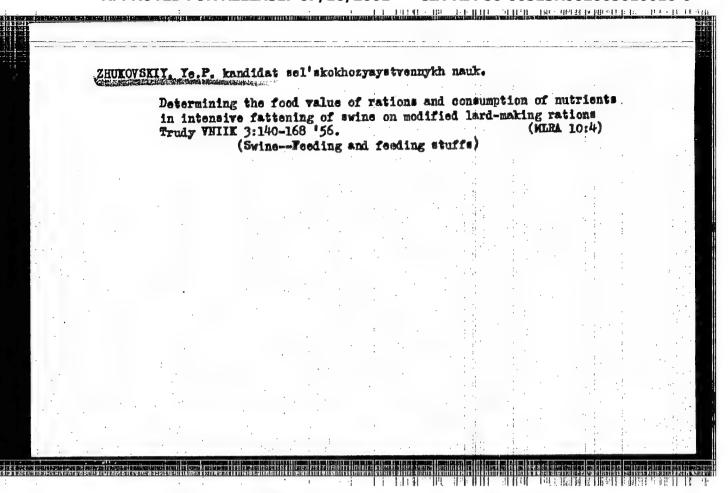


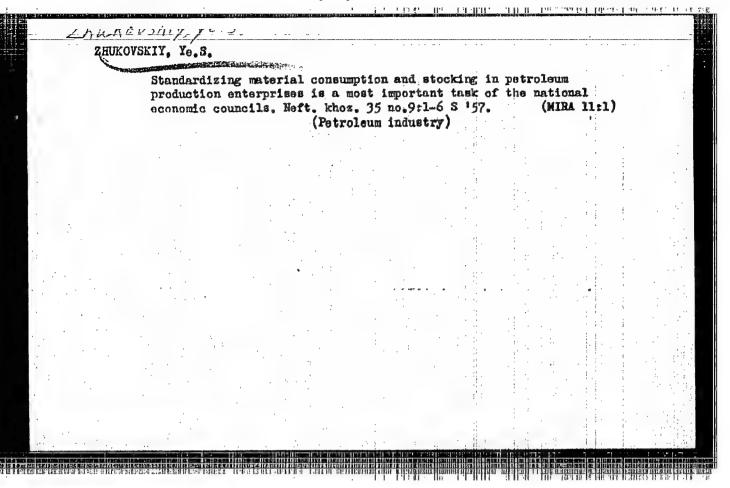
ZHUKOVSKIT, 10. ?.

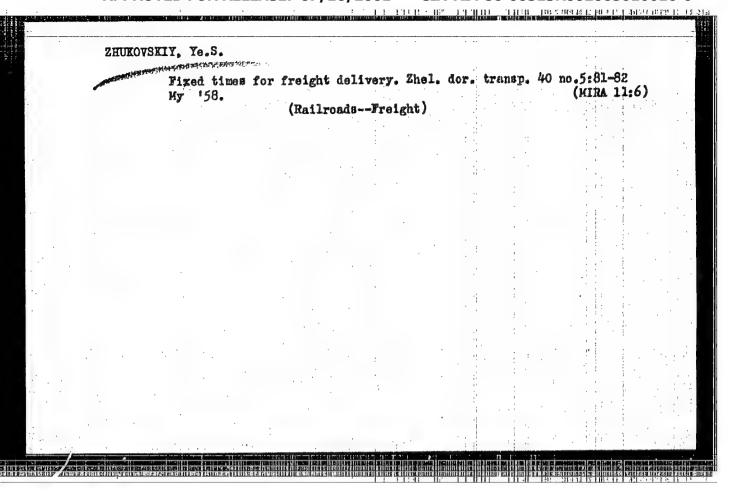
ZHUKOVSKIT, Ye. P. .-"Botermination of the Autrition Value of Rations and the Consumption of Rutrition laterials in the Intersive Leat-Lard Feeding of Registerial Science and Engineering Defended at USER Ligher Educational tions for Degrees in Science and Engineering Defended at USER Ligher Education Light Institutions) Rescord Veterinary Acad of the Min of Righer Education USER, Rescord, 1955

So: Knizhmava Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Agricultural Sciences







SHAPIRO, Ye.A.; ZHUKOYSKIY, Ye.S.; MUSTAYABHKOVA, A.A.; MIKHAYLOV, H.D.; KOHYLYANSKIY, A.K.; KOHONYKHIN, A.G.; KPSHTHIN, R.R.; KARPINSKIY, Y.F.; DAVYDOVA, R.T.; TROITSKIY, V.I., red.; GOR'KOVA, A.A., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Matablishing standards for material consumption and stocks in the petroleum industry] Normirovanie raskhoda i proisvodstvennykh zapasov osnovnykh materialov v neftianoi promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1959.
252 p. (MIRA 12:12)

(Petroleum industry -- Standards)

BERZON, O.F., inzh.; BUKSHTEYN, D.I., inzh.; KUPERMAN, Ya.M., kand. ekon. nauk; RUDNER, I.B., kand. tekhn.nauk; CORBUSHIN, P.B., red.; ZHUKOVSKIY, Ye.S., nauchn. red.; GIROVSKIY, V.F., glav. red. serii; BOGINA, S.L., red.; COL'BERG, T.M., tekhn.red.

[Handbook on material and machinery supply for construction units] Spravochnoe posobie po material no-tekhnicheskomu snabzheniiu stroitel nykh organizatsii. Pod obshchei red. P.B.Gorbushina i D.I.Bukshteina. Moskva, Gosstroiizdat, 1963. 607 p. (MIRA 17:1)

1. Moscow. Nauchno-issledovatel'skiy institut ekonomiki stroitel'stva. 2. Direktor Nauchno-issledovatel'skogo instituta ekonomiki stroitel'stva i chlen-korrespondent Akademii stroitel'stva i arkhitektury (for Gorbushin). 3. Rukovoditel'otdela normirovaniya material'nykh resursov i tsen na stroitel'nye konstruktsii nauchno-issledovatel'skogo instituta ekonomiki stroitel'stva (for Bukshteyn).

(Construction industry-Management)

ZHUKOVSKIY, Yefim Samenovich; IVANOV, Nikolay Vasil'yavich, kand. ekon. nauk; KUPERMAN, Yakov Mironovich, kand. ekon. nauk; Prinimal uchastiye BUKSHTEYN, D.I.; VARENIK, Ye.I., prof., doktor tekhn. nauk, retsenzent; OGNEVAYA, N.V., kand. ekon. nauk, st. prepod., retsenzent; USPENSKIY, V.V., kand. ekon. nauk, retsenzent; VERESHCHAGINA, V.Ya., red.

[Organization of procurement in construction] Organizatelia enabzhenila etroitel etva. Moskva, Vysshala shkola, 1965.
283 p. (MIRA 18:8)

1. Zaveduyushchiy kafedroy "Ekonomiki i organizatsii stroitel'stva" Moskovskogo inzhenerno-skonomicheskogo instituta im. S.Ordzhonikidze (for Varenik). 2. Kafedra "Ekonomiki i organizatsii stroitel'stva" Moskovskogo inzhenerno-ekonomicheskogo instituta im. S.Ordzhonikidze (for Ognevaya).

CIA-RDP86-00513R002065010016-0 "APPROVED FOR RELEASE: 07/16/2001

ZHUKOYSKIY, Ye. V.

Vargin, V.V., Makarov, A.V., Zhukovskiy, Ye.V.,

72-2-14/20

AUTHORS:

Nyohke, A.A.

TITLE:

The "Elektroverr" in Switzerland (Zavod "Elektroverr"

Shveytsarii).

PERIODICAL:

Steklo i Keramika, 1958,

Nr 2, pp. 33-36 (USSR)

ABSTRACT:

The electric continuous glass melting furnace is located on the second floor of the building and is used for the production of plate glass by the Furkeau method. Dimensions and shape are shown in fig. 1. At each side of the furnace there are 6 electrodes. With a melting surface of 26 m² the glass production output amounts to 1.2 t per m² daily. The composition of the glass is that usual for the Furkeau process (14.8% sodium oxide). The layer consists of 70% raw material and 30% scrap glass, and is conveyed mechanically to the furnace without interruption. The temperature regime in the smelting department of the furnace is controlled by means of a thermocouple (fig. 3). The temperature in this zone amounts to 1410°. Fig. 2 shows the burning of GO in CO2 above the electrodes along the entire width of the furnace. In the case of normal operation the temperature in the machine chamber amounts to

Card 1/2

ACC NR: AP7004651 (A.N.) SOURCE CODE: UR/0432/66/000/001/0015/0016

AUTHOR: Gil'man, G. I.; Zhukovskiy, Ye. Ye.; Chugunov, K. M.

ORG: none

TITLE: System for setting limit values for parameters of the IV-500 data processing computer

SOURCE: Mekhanizatsiya i avtomatizatsiya upravleniya, no. 1, 1966, 15-16

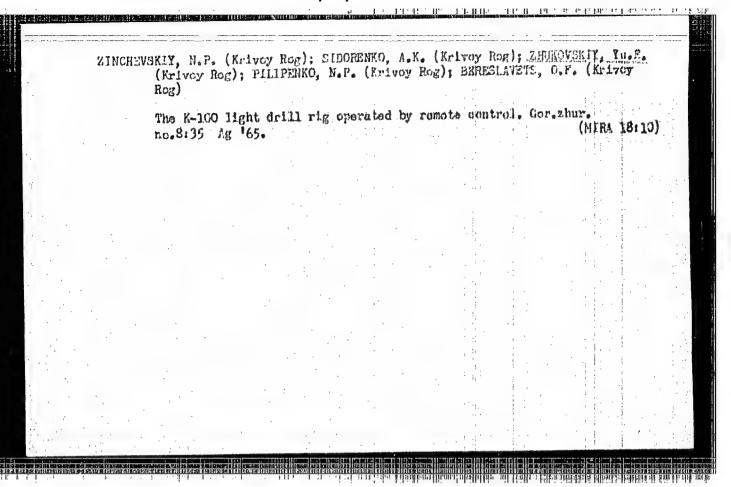
TOPIC TAGS: FERRITE core memory, magnetic core storage, computer memory, Computer / ZV-500 computer

ABSTRACT: A non-destructive-read random-access word-organized core memory designed for the IV-500 data processing computer is described. The memory uses magnetic cores separated 4 mm from each other and rod-like permanent magnets in the plane of the cores which store "0". These magnets link the flux from the input winding and output winding separately, and thus break the coupling from input to output of the core which stores a logical zero. The information is read by full (400 to 500 mamp) current increasing the output signal to 300 mv at a S/N ratio of 15. The memory has 12 matrix plates with miniature connectors to

Card 1/2

UDC: 681.142.652.2

facilitate	easy inter	change 1	case o	f malf	unetic	ns.	There a	re two	cr
decoders; the needed	one for sel word on th y 75-bit wo	וניות מו מו	r. r.acn	I OU K	ナエクールバ	I IIIG V L	T'V DA07	W 0011	В
75 kg. Or	y /5-bit wo ig. art. ha	s: 2 fi	gures.		15 050			[WA-81]	
cum cone.	09/ SUBN	DATE	none/	ORIG R	EF: (005\	OTH RE	F: 001	
SOB CODE:	OS/ LIODE								
								• • •	· [

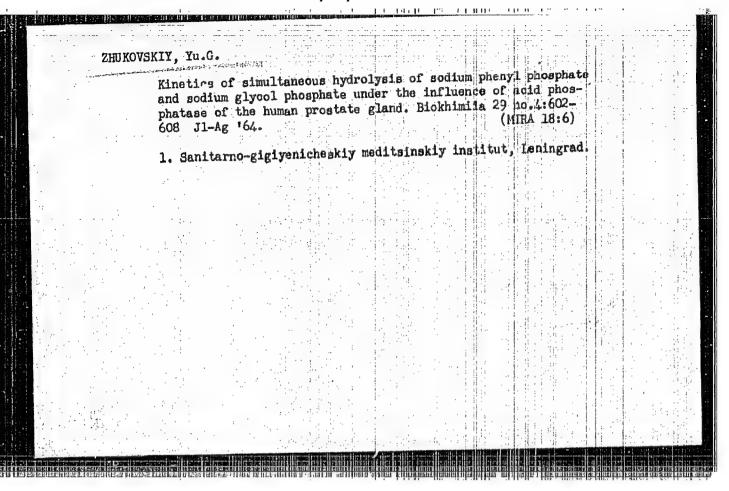


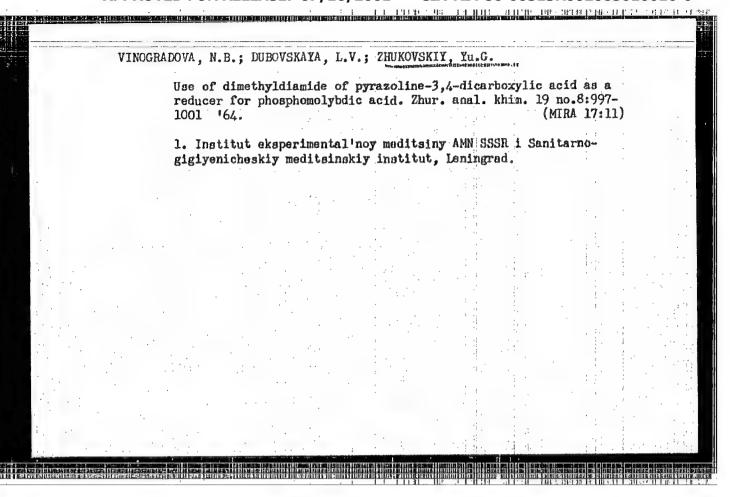
ZHUKOVSKIVATURG.; KRISTUK, E.M.; LATYSHEV, G.D.; SERMBITV, A.G.

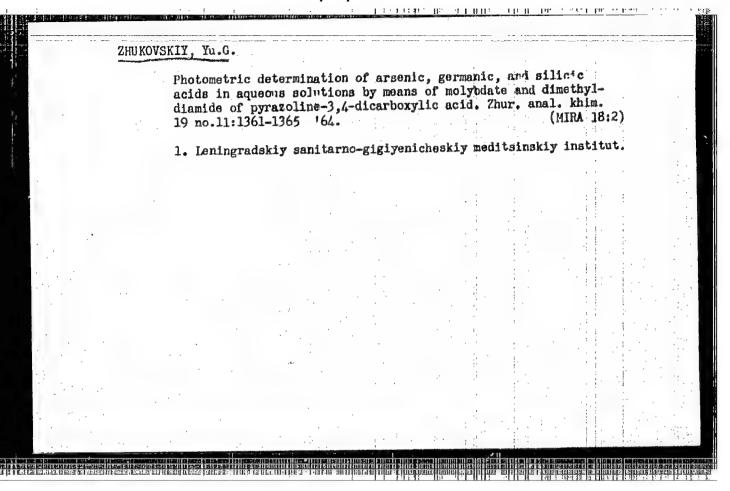
Magnetic aftereffect in iron-core electromagnets. lzv.AN SSSR.
Ser.fiz. 20 no.3:371-373 Mr '56. (MEA 9:8)

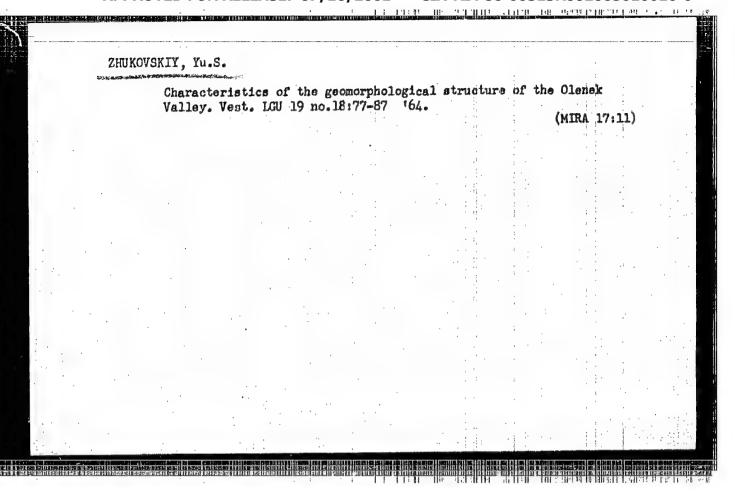
1. Kafedra fiziki Leningradskogo instituts inshenerov shelesnodoroshnogo transporta imeni V.M. Obrazisova.
(Electromagnets)

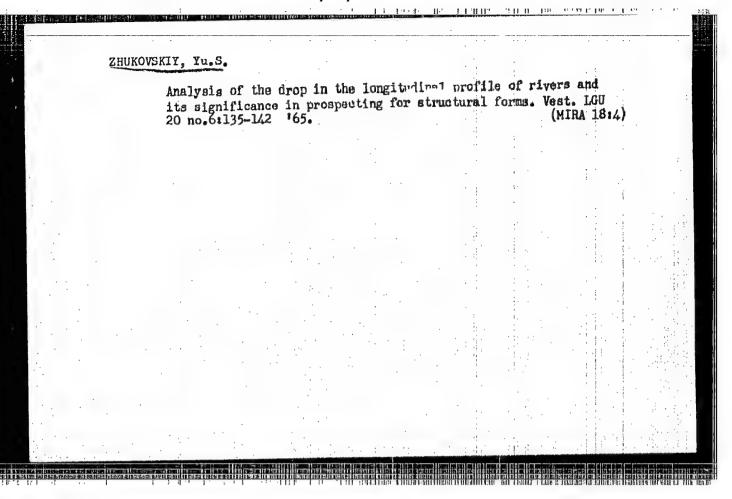
		tranaphosph			SKAYA,		nae of ac	id phosph	atase
Y.	(inetics of of the prost	tranapnospi tate. Biokhi	mila ;	30 no.	2: 350-3	57 Mr-A	165.	(MIRA	18:7)
. ·	l. Sanitarno	o-gigiyanic!	neskiy	medit	si.nskiy	institu	t, Lenin	grad.	:
			•	:			:	: 1	
·									:
			. •			:	,		
							:. } = = :	day of the control of	
	•		• • •						
		•			: .			: :	
					•	. 11			
								; ; .	

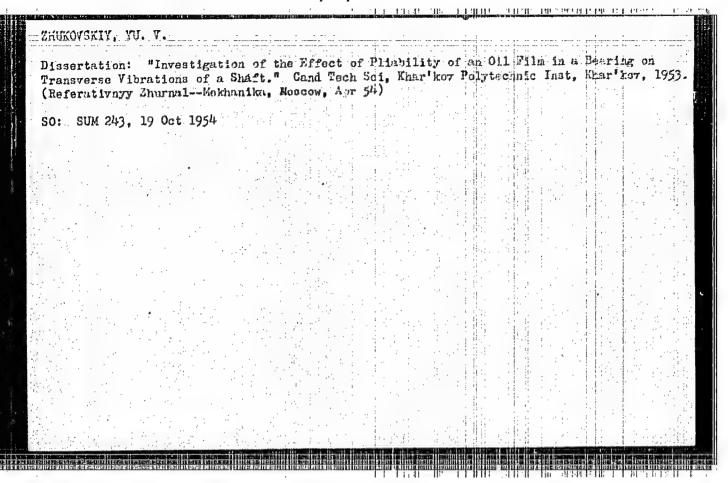


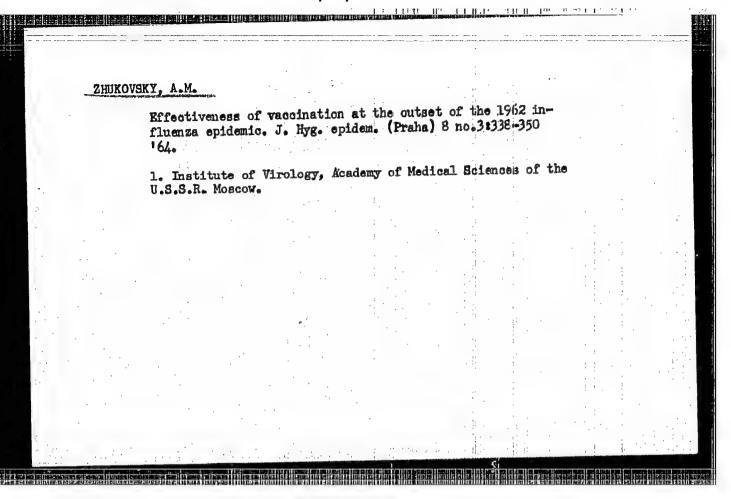


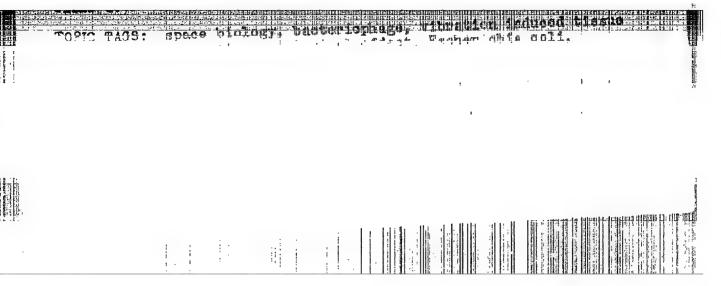


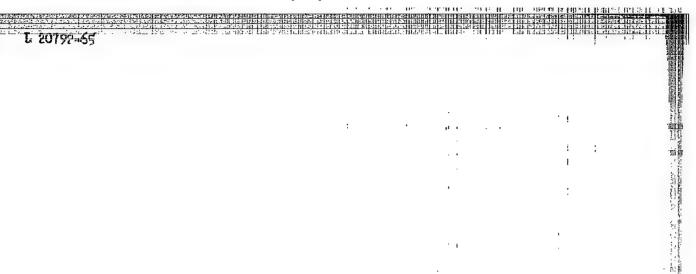










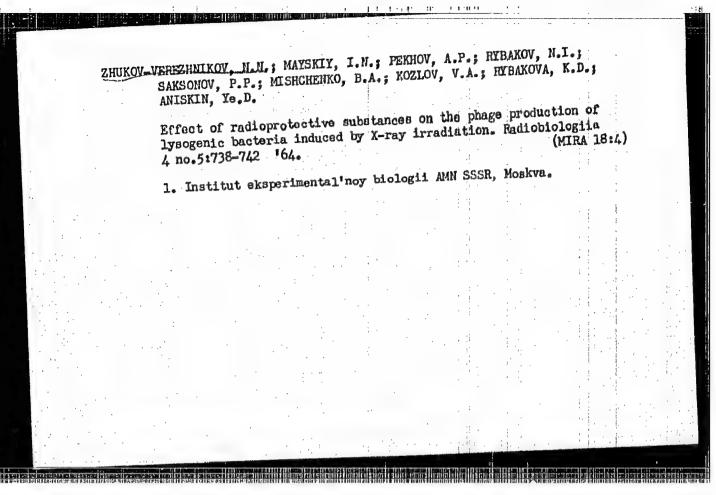


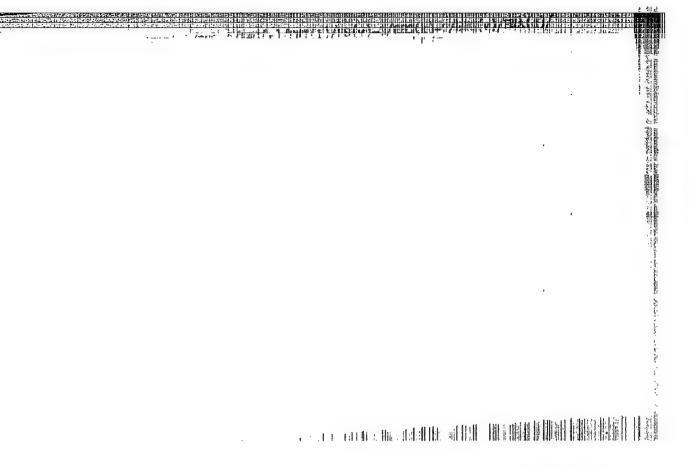
OPARIN, A.I., akadomik; STUDITSKIY, A.N., prof.; NAUMOV, N.P., prof.; KOVAL'SKIY, V.V.; YUROVA, I.L., dots.; PLATONOV, G.V., prof.; KACANDV, V.M.; FURMAN, A.Ye., dots.; MEDVEDEV, N.V., prof.; YAKINOV, V.P., kand. biol. nauk; ZHUKOV-VEREZHNIKOV, N.N.; BOUDAKENKO, P.P., prof.; MAYSKIY, I.N., prof.; TRIBULEV, G.P., dots.; TSAREGORODTSEV, G.I., dots.; DOEROKHVALOV, V.P., kand. biol. nauk; YAZDOVSKIY, V.I., prof.; VIKTOROVA, V., red.; CHERENYKH, I., mlad. red.; ULANOVA, L., tekhn.red.

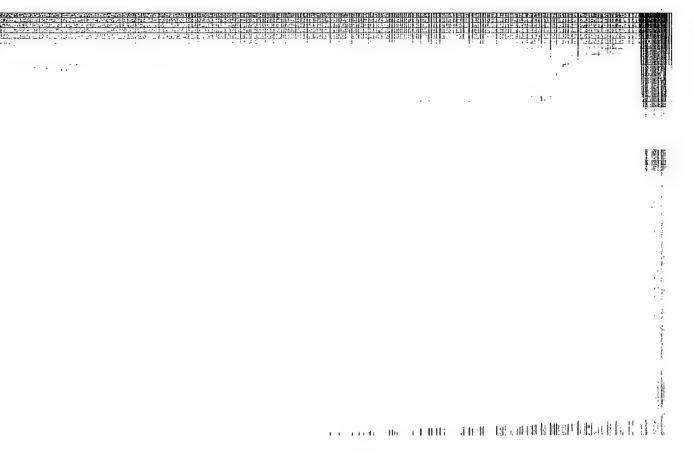
[Studies on the dialectic of living nature] Otherk dialektiki zhivoi prirody. Moskva, Sotsekgiz, 1963. 527 p. (MIRA 16:12)

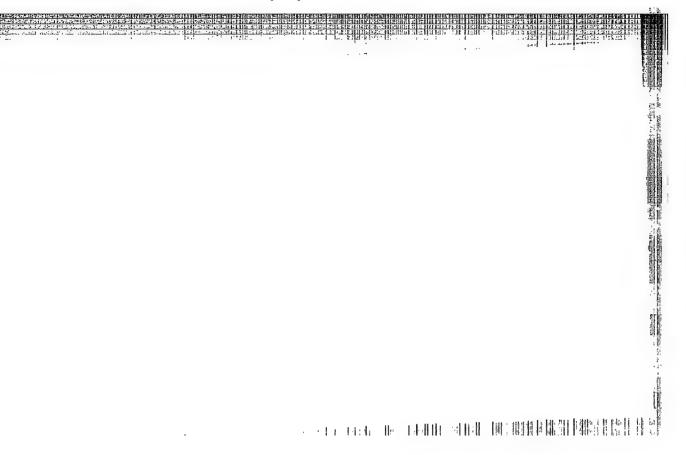
1. Ghlen-korrespondent Vsesoyuznoy akademi sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Koval'skty).

2. Deystvitel'nyy chlen AMH SSSR (for Zhukov-Verezhnikov).









A STANSON	L 03777-67 FSS-2/EWT(1)/EEC(k)-2/T SCTR TT/DD/JK/RD/GW ACC NR: AP6028343 SOURCE CODE: UR/0293/66/004/004/0634/0640
	AUTHOR: Zhukov-Verezhnikov, N. N.; Mayskiy, I. N.; Delong, N. L.; Rybakov, N. I.; Kozlov, V. A.; Davydov, B. I.; Antipov, V. V.; Saksonov, P. P.; Rybakova, K. D.; Tribulev, G. P. ORG: none TITLE: Biological investigations on the Voskhod-1 and Voskhod-2 spaceships SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 4, 1966, 634-640 TOPIC TAGS: biologic spaceflight arrect, incompanie bacteria, Franklikova, wheat seed/ Voskhod I. Voskhod 2 abrutary with the spaceflight franklikova planested, wheat seed/ ABSTRACT: Experiments were performed on the Voskhod-1 and Voskhod-2 spaceships to test the effects of spaceflight on lysogenic cultures of E. coli K-12 (\lambda). The cultures were carried in 1.5-ml ampules on board spaceships and in Leonov's spaceship pocket during his EVA. Some of the ampules contained the radioprotective drug 6-pocket during his EVA. Some of the ampules contained the radioprotective drug 6-mercaptopropylamine. Controls were kept at the cosmodrome and at the home laboratory. Results showed that on the basis of viability there was no difference between samples carried on Voskhod-1 and the controls. Experiments on Voskhod-2 resulted in a slightly higher viability on the part of experimental cultures as compared to conslightly higher viability on the part of experimental cultures as compared to conslightly higher viability on the part of experimental cultures as compared to conslightly higher viability on the part of experimental cultures as compared to conslightly higher viability on the part of experiments cultures carried on the two flights also did
	Card 1/2

L 03777-67	6	
ACC NR: AP6028343	1	,
whether spaceflight exposure to small d flown samples was a seeds of pine and w pocket during his f flight factors. Re spaceflight-exposed of the effects of	roduction of controls. Thus, it was not possible to demonstrate erties of β-mercaptopropylamine. An attempt was made to determ sensitized lysogenic cultures of E. coli K-12 (λ) to conseque doses of x-rays. Results showed that phage production in space almost identical to that of the controls. In addition, air-dri winter wheat (PPG-186) were carried on Voskhod-2 and in Leonov's EVA for the purpose of determining the genetic effects of space esults did not reveal any substantial differences between the to describe a groups of seeds and the controls. It is assumed that the absorbance flight factors on lysogenic bacteria and seeds of higher to flights is due to the particular conditions under which these for the art. has: 5 tables.	ed s wo nce
	OO2/ ATD PRESS	
267 611	TRW DATE: 21Aprob/ ORIG MIL	63
SUB CODE: 06/ SU	JBM DATE: 21APPEO/ ORIG	63
SUB CODE: 06/ SU	JBM DATE: 21Apres/ UNIS	63
SUB CODE: 06/ SU	JBM DATE: 21APPEO/ UNIC	63
SUB CODE: 06/ SU	JBM DATE: 21Apres/ ORIG	63
SUB CODE: 06/ SU	JBM DATE: 21Apreo/ Onto	63
SUB CODE: 067 SU	JBM DATE: 21APPOO/	63
SUB CODE: 067 SU	JBM DATE: 21APPOO/	63
SUB CODE: 06/ SU	JBM DATE: 21Apreo, Okto	63

ACC NR: AT6036563

SOURCE CODE: UR/0000/66/000/000/0172/0173

AUTHOR: Zhukov-Verezhnikov, N. N.; Mayskiy, I. N.; Tribulev, G. P.; Rybakov, N. I.; Podoplelov, I. I.; Dobrov, N. N.; Antipov, V. V.; Kozlov, V. A.; Saksonov, P. P.; Parfenov, G. P.; Sharyy, N. I.

ORG: none

TITIE: Some results and trends in the study of the biological effect of cosmic radiation and dynamic flight factors using microbiological and cytological models [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966]

SCURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 172-173

TOPIC TAGS: manned space flight, space biologic experiment, tissue culture, lysogenic bacteria, cosmic radiation biologic effect, combined stress/Voskhod-1

ABSTRACT: Systems of lysogenic bacteria and single layer cultures of normal and cancer cells of man have been used on all spaceflights since the second orbital spaceship. This report presents the results of investigations performed on spaceships of the Vostok and Voskhod types. Biological experiments carried out on Vostok-3, -4, -5, and -6 indicate that phage production of lysogenic culture of E. coli K-12 increases with the duration of the flight. However, a direct linear relationship between the biological

Card 1/3

ACC NR: AT6036563

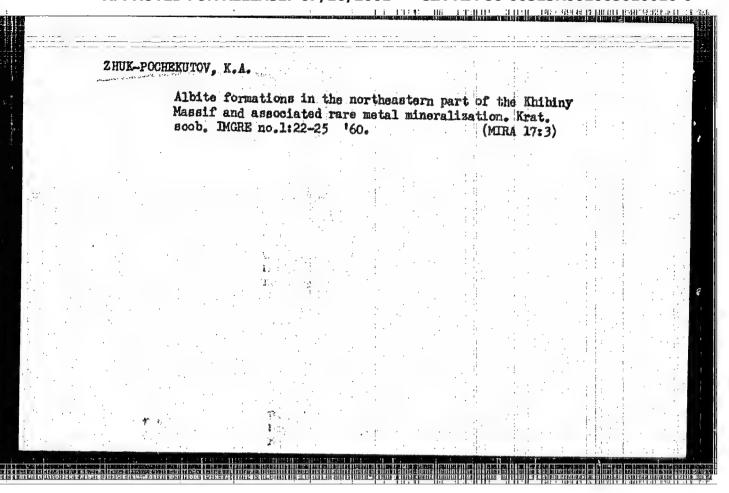
effect and the time of exposure in space was not established. The results obtained make it possible to assume that the biological effect in the above experiments depends on the combined effect of spaceflight factors, and specifically vibration, weightlessness, and radiation.

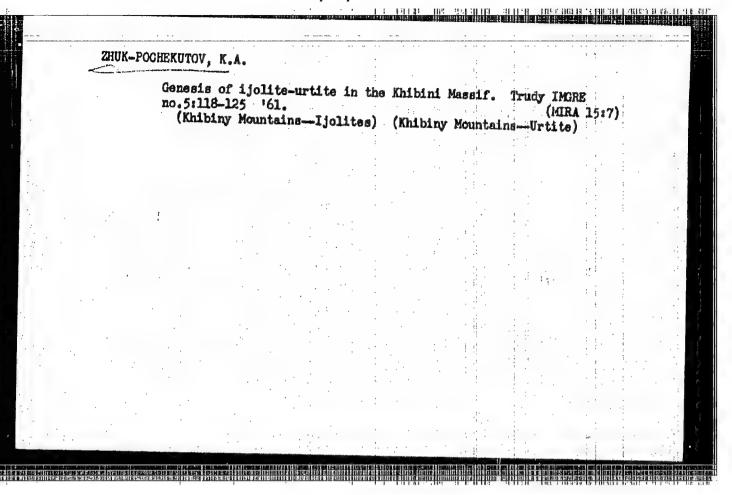
Ground experiments have indicated that the sensitivity of a lysogenic bacteria system to gamma irradiation (CO⁶⁰) increases if the bacteria were previously exposed to vibration. These results not only confirm this supposition but make a more differentiated approach to evaluation of various spaceflight factors possible. However, in order to obtain a more complete picture of the genetic and radiation hazard of such flights, it is necessary to consider data obtained with more highly organized biological objects. Consequently, the results of spaceflight experiments performed with single-layer cultures of somatic human cells are of definite interest. In the series of experiments carried out on Vostok-1, -2, and -4, it was found that viability, and such indices as the coefficient of proliferation, the percentage of dead cells, and the morphological, antigenic, and cultural properties of the tissues, did not differ substantially from controls which were kept at the cosmodrome or the laboratory.

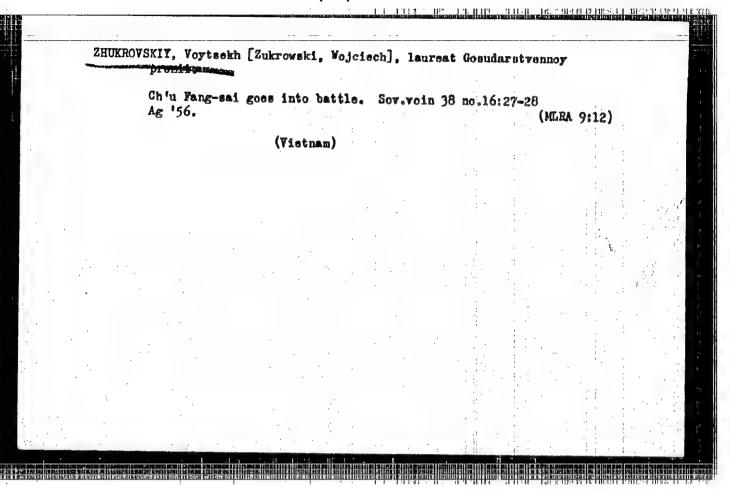
Card 2/3

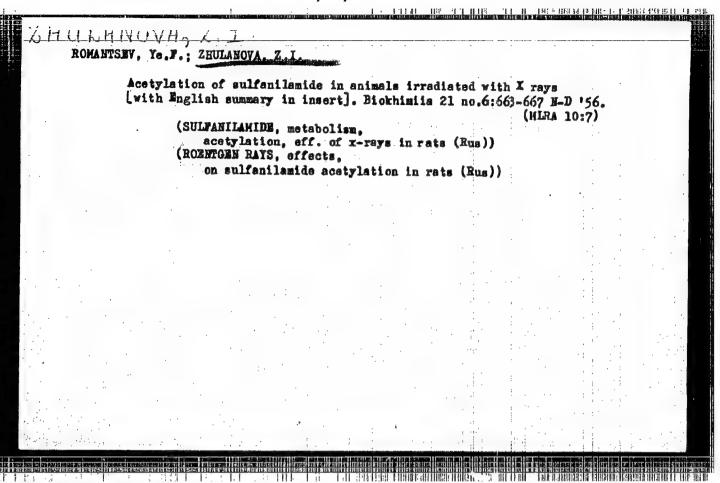
The state of the s

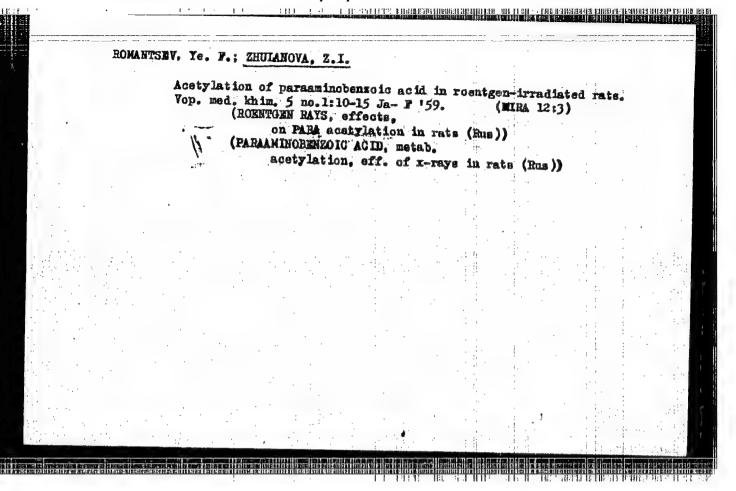
***************************************			• •					1
nowever, wi on Vostok-4, Vo	ien tissues we stok-6 and V							1
definite prolon						1 1		
ell as certain o	ther noticeable	e changes.	This mak	es it possi	ble to			
urmise that spa	ceflight factor	s may have	a cumulat	ive effect	on human			
issue cultures.	Further inves	stigations of	the biolog	gical effec	ts of			·
paceflight utiliz	ing lysogenic	bacteria and	i tissues o	f various	cultures			٦.
re contemplated.	LW.A. No. 22	; ATD Report	66-116]					
UB CODE: 06, 22	/ SUBM DATE	: 00May66			*			
			• •		: :			
			*	* i				;
				. 4				
				• • •		1		
					• • •		1.	
	.* *			•	* · · · · · · · · · · · · · · · · · · ·			-
	* * * * * * * * * * * * * * * * * * * *		4 7					
				· · · · · · · · · · · · · · · · · · ·				



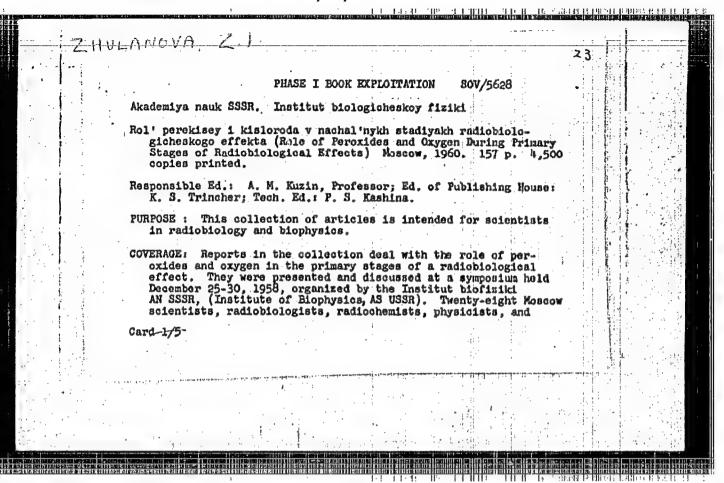


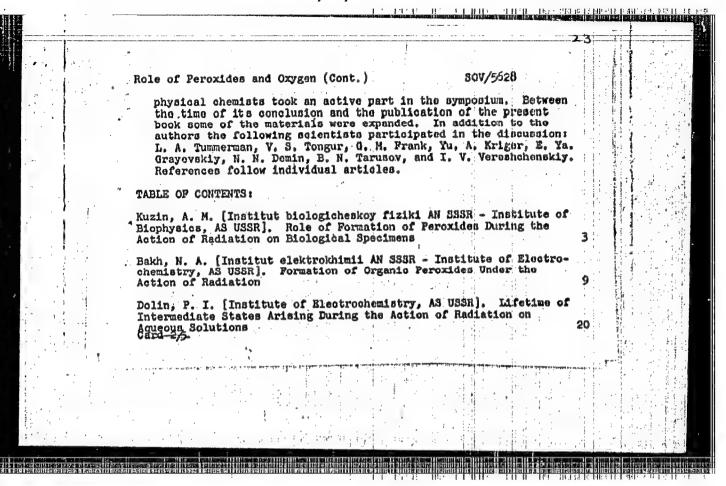






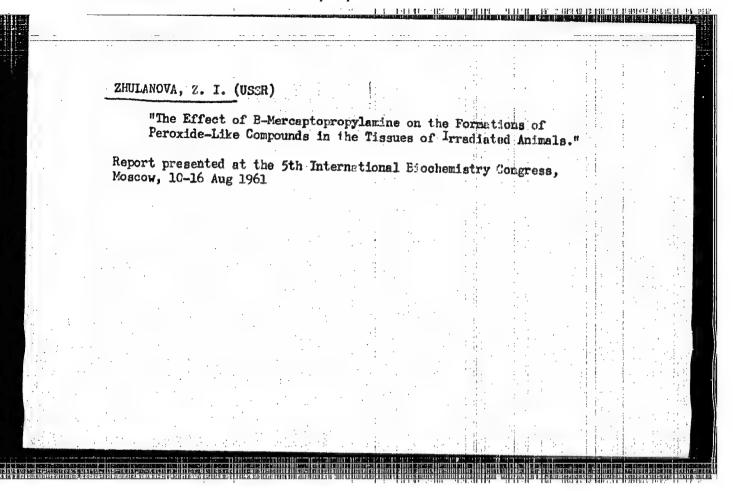
	T T T T T T T T T T T T T T T T T T T	Z1.) _{(L} .	1.6	t nu	0 V	<u>A</u>	1		<u> </u>		**************************************			1111								
		charysts of the Effectiveness of Complex-Porning Substances United Lates the Elizabetion of Audioactive Lockopes From the Organise, by G. Fe. Friedric and Y. F. Uninterna.	Character and Stability of 191 had in Bone Missue, by N. O. Hamperith, O. L. Zurchindard, and V. S. Malabatha.	Effect of Complex-Porning Sthermore on the Minding Character of Indicatoropes in the Hood, by L. M. Bachitanya and V. St. Balabuchas	By Ty, and Call in the State of Radioscitive Inctopes and T. S. Rainchine.	Typicochesteal (Carwaniographie) Investigation of the Effectiveness of Gertain Complex-Torang Substances, by L. I. Tibbonova and L. N. Nuthitanya.		Nort. Z. Elizantian of Swattenette Entropes From the Organism	Postbilly of the Williation of Chemical Com- poseds as Benty Thay in the Postection From Rese- trating Sections, by 6. Je. Prairie		Orthesis and Tret of the Probective Action of a Beries of Salau-Contacting Composed and Oranize Derivatives, by V. G. Malovier and V. S. Heiblahop.	Effect of Protective Substances on Protein Said- byday! Corona in the Orphan and Theses of Healthy- and Treelstak Animals, by T. C. Yabrier and L. S. Ingore.	Effect of Protective Dasse of 1-Cystelie on the Level of Emperoids Saffred Cyl. Groups in the Missaus of Sate Irredicted With E-Says, by L. S. Laupen	On the Metherine of the Properties Action of Some Thiol Compounds, by Y. G. Takorine and L. S. Impres.	Indestructing Detween the Structure and Properties of Main-Containing Compounds and Smir Protective Action From Peartneing Ballanion, by F. G. Indoview	Present trate of Chesical Protection from Louising Balletten, by V. S. Balabaltan	Part 1. Compant Protection From Toutising Ballistics		The second method deals with the problem of the elimination of chemical problems of the elimination of chemical within the introduced that the elimination of chemical width, when introduced that the elimination could be evenily up to from with the introduced exacts compounds which would be rewally existent that expected in the exacts of the elimination	of the footbest statement of the stateme	The value sense set of a table of contents (attached), as introduced in the latest terms of the content of the	Anadebity formed by the Opening from Image of the Opening from Image o	
(LE)		, 8	8	&	Ħ	E	E.	man agantapa	88	8	1	*	×		*	7			Tail Daile	000	duc- rection		
								1										and represent at the same	*				

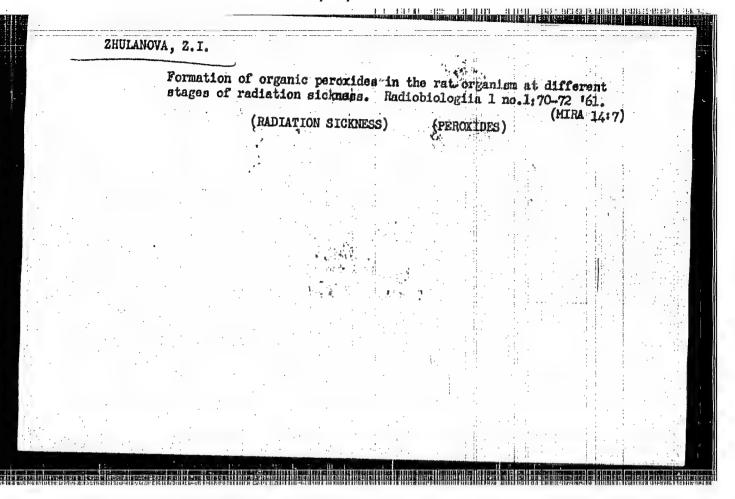


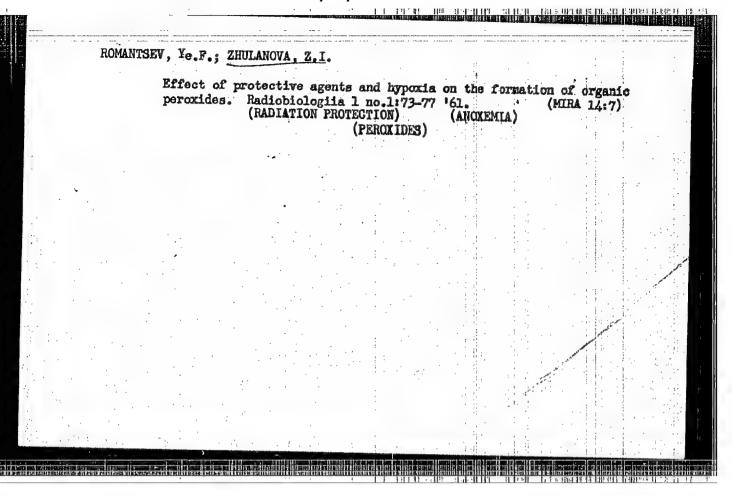


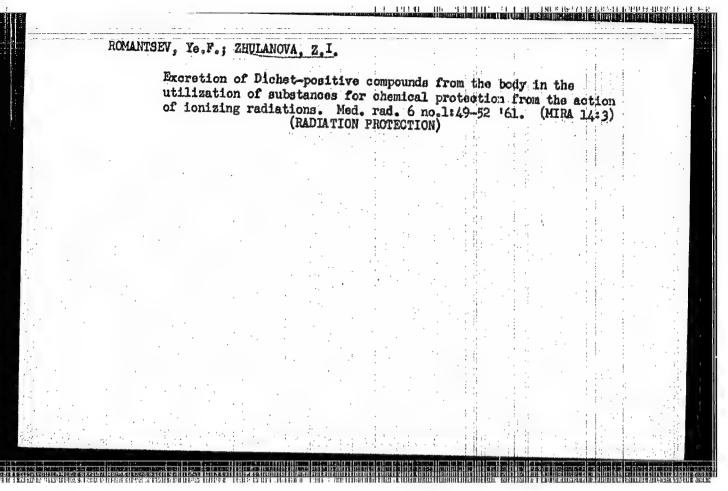
l'		THE PERSON OF BUILDING	- Males de de la company	
	Role of Peroxides and Oxygen (Cont.) 80V/5628		7	
1	Kolomiytseva, I. K., and A. M. Kuzin [Institute of Biophysics, AS USSR]. Lipid Peroxides in a Normal and in an Irradiated Animal Organism		of Examples	
	Kuzin, A. M., L. M. Bronskaya, N. M. Berezina, and V. A. Yazykova [Institute of Hiophysics, AS USSR]. Formation of Peroxides in Gamma-Irradiated Plant Seeds	26		
	Zhulanova, Z. I., I. A. Korovina, and Ye. F. Romantsev. Formation of Organic Peroxides in an Organism During Irradiation on an X-Ray Apparatus With a Dose Rate of 130 r/sec	33		
	Zhuravley, A. I. Role of Antioxidants in Primary Radiobiologics			
	Mikhlin, D. M. (Deceased) [Inatitut blokhimii im. A. N. Bakha AN SSSR - Institute of Biochemistry imeni A. N. Bakh, AS USSR] Effect of Ionizing Radiation of Oxidation-Reduction Reactions in a Cell			
	Card 3/5	67		
•	The second secon	ge rrig ^e www.		

Excretion of descrycytidine from the organism under various conditions of irradiation. Med.rad. 5 no.3139-43 60. (DEOXYGYTIDINE) (RADIATION SIGKNESS) (DEOXYGYTIDINE) (RADIATION SIGKNESS))	ROMANTSEV, E.F.			•
(MTM 12.10)	conditi	ons of irradiation. Me	rom the organism under va- i.rad. 5 no.3139-43 160.	rious	
		•		(MIRA	13:12)





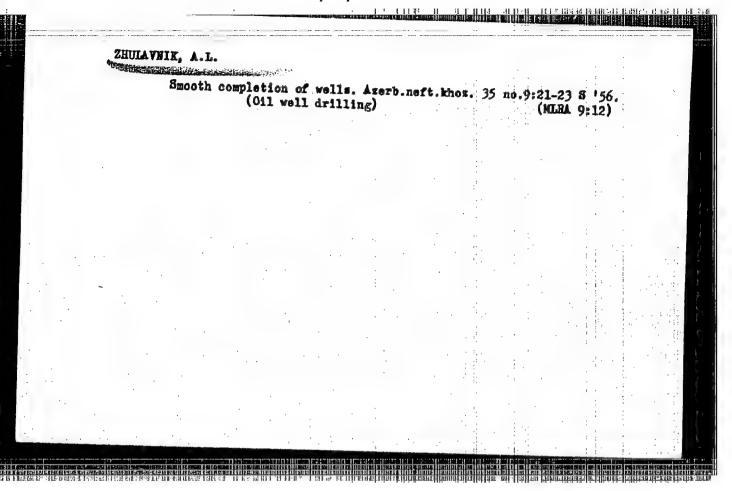


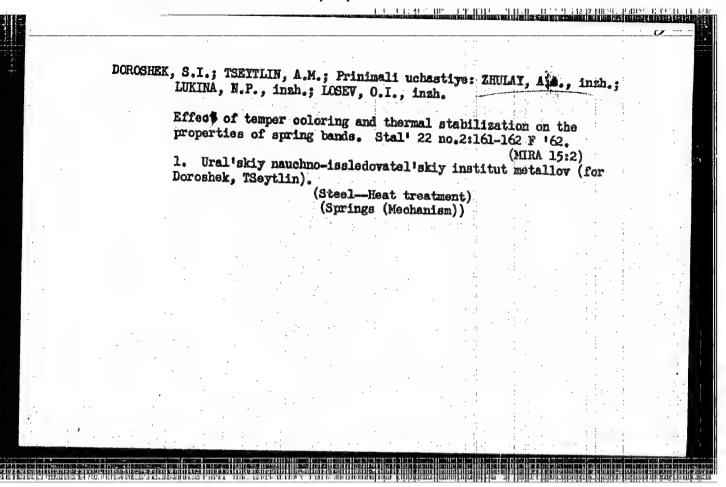


GROMOV, V.A.; ZHULANOVA, Z.I.; ROMANTSEV, Ye.F.; SMOLIN, D.D.; SOKOLOVA, G.N.

Changes in the composition of liver lipid fractions in animals exposed to radiation. Radiobiologiia 4 no.3:378-380 '64.

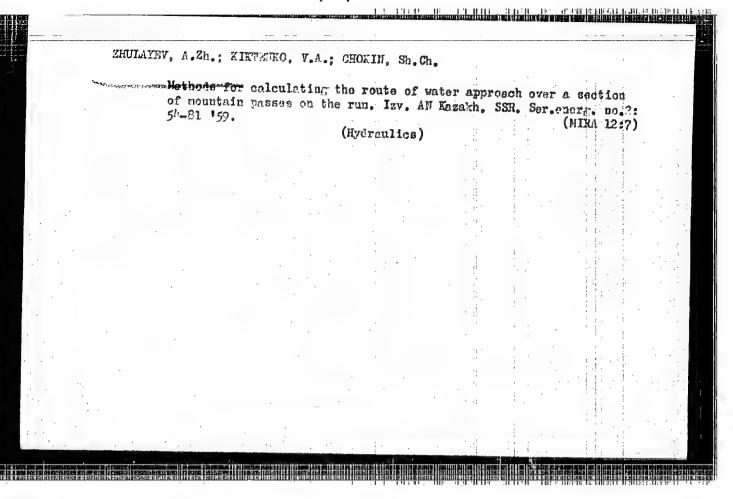
(MIRA 17:11)

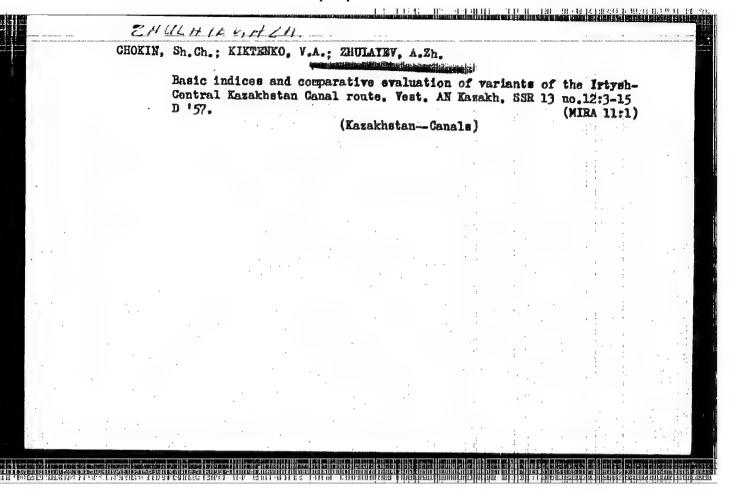


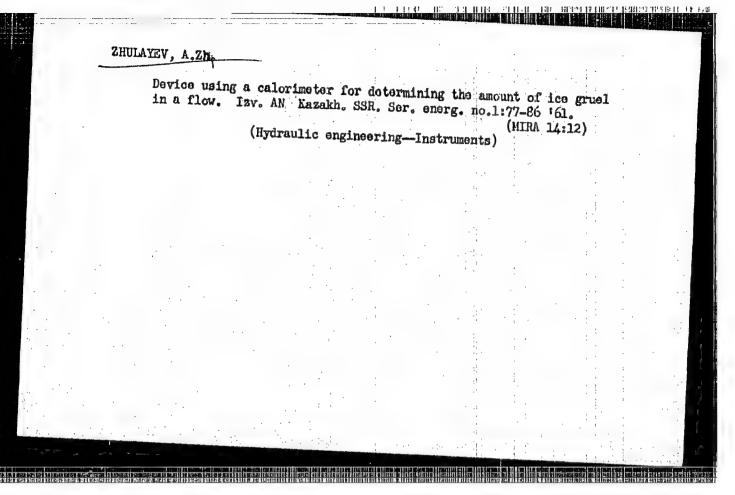


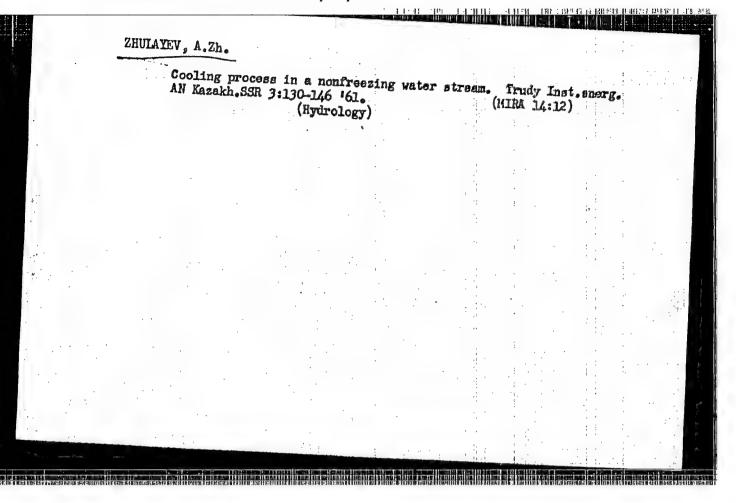
EEC(k)-2/EWP(k)/EWT(1)/EWT(m)/FBD/T/EWP(e) WH/WG UR/0237/66/000/006/0046/0046 SOURCE CODE: ACC NR AP6018895 Vanyukov, M. P.; Venchikov, V. A.; Zhulay, V. Ya.; Isayenko, V. I. Lyubimov, V. V. ORG: none TITLE: Two-channel single-pulse laser with an energy of 180 joules SOURCE: Optiko mekhanicheskaya promyshlennost', no. 6, 1966, 46 TOPIC TAGS: solid state laser, laser emission, neodymium glass ABSTRACT: An investigation was made of a laser in whith high emission energy of the light pulse was obtained by the use of neodymium glass rods. Cylindrical specimens of glass (45 mm in diameter and 250 mm long) activated with neodymium were connected in series-parallel. Each specimen was optically pumped by six direct pulse lamps placed in a multielliptical illuminator. The laser consisted of two identical channels, each containing three rods assembled on one axis. Q-modulation was done by two prisms fixed on a common shaft rotating at 18,000 rpm. The light diameter of the prism (30 mm) was coordinated with the light diameter of the operating rod by means of a Galileian tube. The experiments showed that for effective pumping of an operating body 45 mm in diameter the content of Nd203 should not exceed 4%. In this way it is possible to obtain an amplification coefficient of one rod equal to 3 and provide a yield energy of 25-30 joules from one specimen. Connecting the rods UDC: 621.378.324:621.376 Card 1/2

L-29565-66 ACC NR: AP6018895 0 in series reduces the amplification of optical pumping, owing to the appearance of free generation of the whole channel. This difficulty can be eliminated by introducing, between the rods, optical decoupling filters made of uranyl glass. The filters, together with the operating rods, are placed in the laser illuminators and are pumped simultaneously with the rod. The optical density of the filter is selected in such a way that at maximum pumping no free generation appears in the laser channel; when the filters are illuminated at the moment when maximum Q for the resonator is reached, one light pulse is generated. By introducing optical decoupling, emission with an energy of 90 joules at 10⁻⁷ sec duration was obtained from one channel of the laser. The angular distribution of generated radiation improves as the optical pumping increases. Synchronous inclusion of two laser channels was obtained by appropriate adjustment of the laser elements. The time spread of the pulses emitted by both channels did not exceed 10^{-8} sec. With the simultaneous inclusion of two channels, a light pulse with an energy of 180 joules (corresponding to an emission intensity of 1.5 to 2 hw) was generated. [JA] SUB CODE: 20/ SUBM DATE: 07Apr66/ ORIG REF: ATD PRESS: 5 0/0









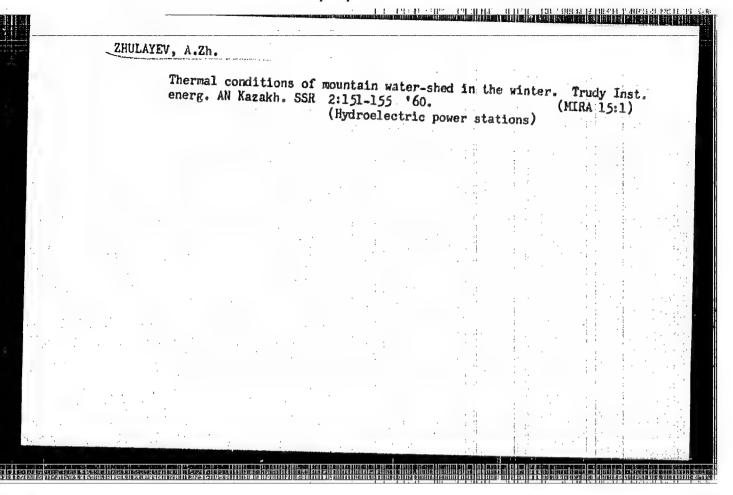
Experimental determination of the intensity of crystallization of water in turbulent motion. Vest.AN Kazakh.SSR 16 no.3:51-53 Mr (60. (Ice)

ZHULAYEV A ZH

Zhulayev, A. Zh.

"The Process of Cooling of Non-Freezing Streams (Mountain Rivers)." Acad Sci Kazakh SSR. Inst of Power Engineering. Alma-Ata, 1955. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No 27, 2 July 1955



DEMENT YEV, M.A., prof., doktor tekhn.nauk, red.; DUMITRASHKO, N.V., doktor geograf.nauk, red.; KAVETSKII, S.F., kand.geograf.nauk, red.; KOCHERGA, F.K., kand.sel skokhoz.nauk, red.; CHOKIN, Sh.Ch., akademik, red.; OSADCHIY, F.Ya., red.; ROROKINA, Z.P., tekhn.red.

[Materials of the Fourth All-Union Conference on Torrential Floods]
Materialy IV Vsesoiusnoi konferentsii po selevym potoksm. Alma-Ata,
1959. 231 p. (MIRA 12:10)

1. Akademiya nauk Kazakhakoy SSR, Alma-Ata. Institut energetiki.
2. Akademiya nauk Kazakhakoy SSR (for Zhulayev, Chokin). 3. Chlen-korrespondent AN SSSR (for Velikanov). 4. Vsesoyusnyy nauchno-issledovatel'skiy institut gidrotekhniki (for Dement'yev). 4. Sredne-aziatskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva (for Kocherga).

(Floods--Congresses)

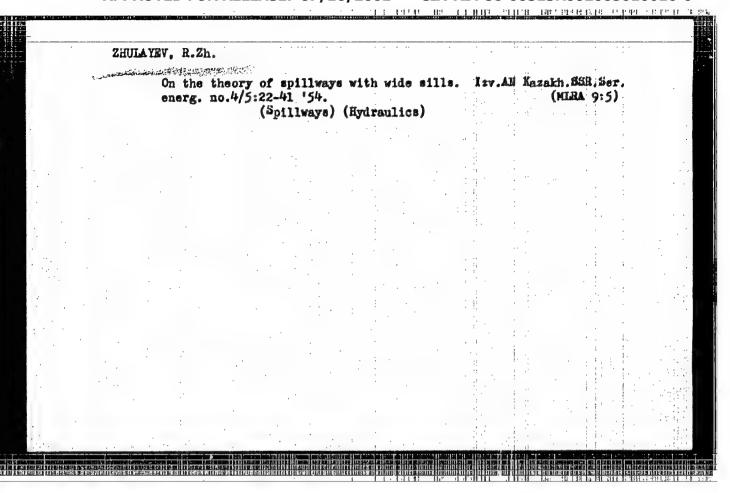
ZHULAYEV, R.Zh.; CHOKIN, Sh.Ch., redaktor, kandidat tekhnicheskih nauk;

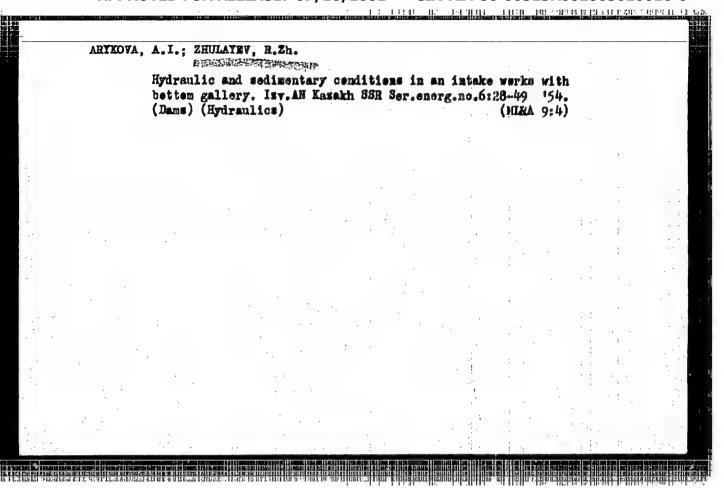
SMZTANNIKOV, O.F., redaktor; INSHOY, A.C., tekhnicheskiy redaktor.

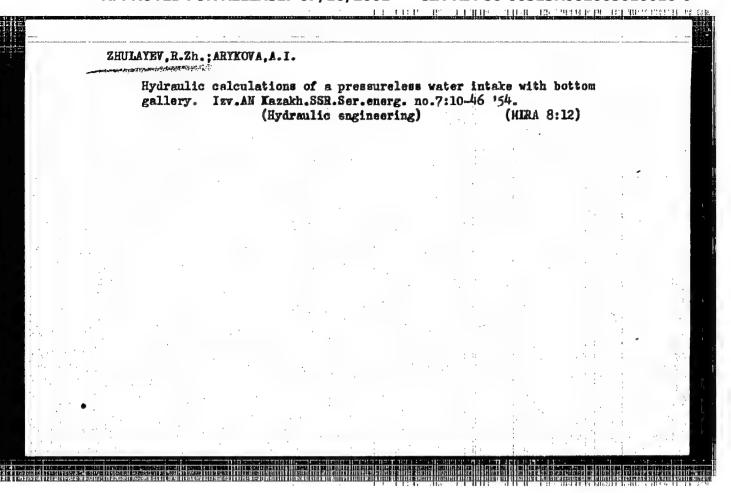
[Calculating water power resources of river irrigation systems] Metody ucheta gidroenergeticheskikh resursov orositel'no-rechnykh sistem.

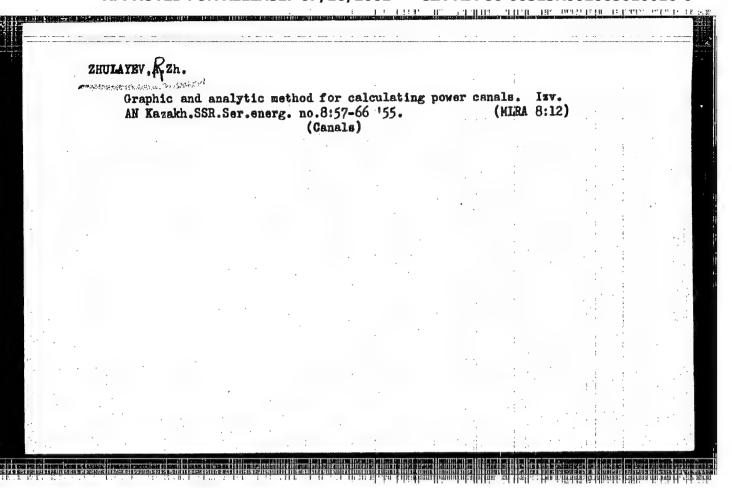
Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR., 1950. % p. [Microfilm]

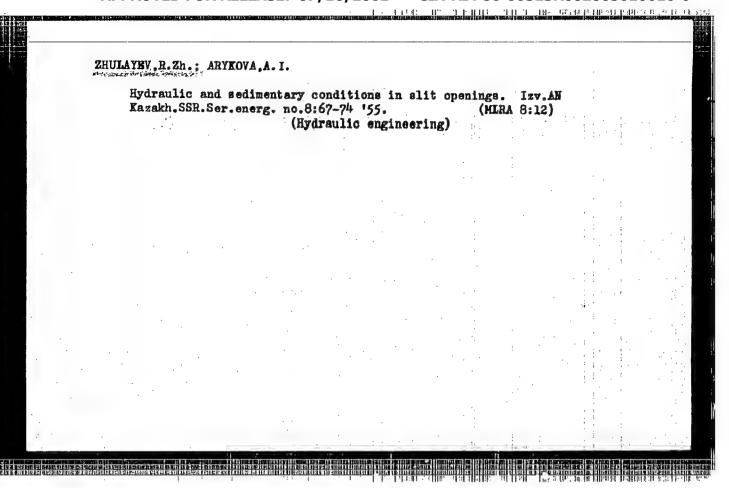
(Stream measurements) (Irrigation) (Water power)

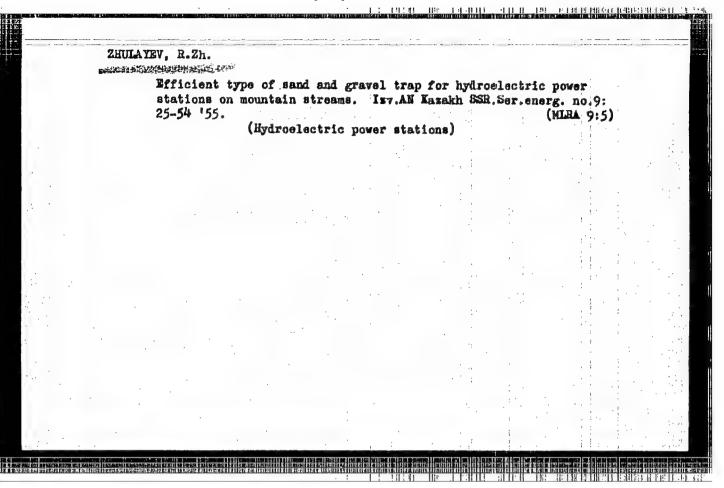












	•	•				<u> </u>	•		-					,			:								;			
•			abrya.	, and	덛	tes.		į	, , ,	of furnace the	Z 2 .	25	83		57	23			Ş	9	69	ħ		, <u> </u>	i i	£		
	PRACE I DOOR EXPLOITATION SOV/5290	voy dinamike. Alma-Ata, 1956	dy Sovenhchantyn po prikladnoy gazovny dinamike, g. Alma-Ats, 23-26 oktysbrya 1956 g. (Transactions of the Gracemene on Applied Gas Dynales, Held in Alma-Ats, 23-26 October 1955) Alma-Ats, Izd-wo Ak Karakhikoy KH, 1959. 23) y. Errsta alig incerted, 900 copies princed.	uk Kazakhskoy SSR. Kazakhokly gosuđarstvennyy •	Editorial Board: Resp. Ed.: L.A. Wills; V.P. Kanhkaruw; T.P. Leont'yevs and B.P. Ustimenko, Ed.; V.V. Aleksandriyskiy. Toch. Ed.: E.P. Rorokins.	TRINGE: This book is intended for personel of scientific research institutes and industrial engineers in the field of applied fluid mechanics, and may be of interest to students of sdranced courses in the field.	out.,) SOF/5290	the transcriptions Of 31 papers read at the character convened under the initiative of the corrector thanks the initiative of the corrector thanks the convened to the convene	Institut energetiki Akademi must Lamkhab ering of the Academy of Science Kazahabaka 956. Three branches of spaids gas dynamic	low of liquids and gases, ecrotynamics of it liquids. The practical aignificance of the s comists in the simplestion of theory to	on most pometaring motbods related to industry processes in which acrodynamic phenomens hi crs results the donference are not included reaccost. The mithous of the election server	Arodynamic Characteristics of Pilverised Covidings and Physical Nodels of the	7.5. Mirosenho, A.B. Reznyahr, and G.Y. Takukov. L.G. Loyispeakly is mentioned as being in charge of e-department of the Kasakh State University, and L.D. Malyhovy, Candidate of Physical and Methemstein Stature, December 88 & Desiber of the game anternity. Informers are found at the and after	Session of October 24, 1956 (Norming)	bulence Characteristics of a	Katharov, V.F. [Candidate of Physical and Mathematical Science]. On Parallel and Contrary Motion of Two Uniform Flows of Compressible Gas	graphic transfer of the control of t	004/5E90	thuirel Sciences; impacator of its and Contrary Flows	Regularity of Motion and Combustion of Conl Particles	y. On the Crisis in the Viscous name!	Bug at	Session of October 24, 1956 (Evening)	Terekbitsa, K.M. Expansion of an Axially Symmetrical Jet of das in a Kedium of Different Lansity	elektrotekkinleheskiy inalikut (All-Union klostrothereoaktwoom) kerm mend Timit	BACT STATE		
	Parise	Soveshchaniye po prikladnoy gazowcy dinamike. Alma-Ata, 1956	Trudy Soveshchaniya po prikladnoy 1956 g. (Transactions of the Alma-Ata, 23-26 October 1955) 233 p. Erreta alip incerted.	Sponsoring Agency: Abadentyn nauk Kazabbshoy SSR, universitet izeni S.W. Kirova,	Editorial Board: Resp. Ed.: L. B.P. Ustimenko, Ed.: V.V. A	FRENCE: This book is intended and industrial engineers in the of interest to students of	Transsctions of the Conference (Cont.,)	COVENUE: The book consists of t conference on gas dynamics whi Easkhaldy scondarstwerny uni	sity iseni S.M. Kirov) and the SCR Institute of Power Ergin SCR) and beld October 23-25, 1	were discussed, namely: jet of processes, and the outflow of Transactions of the conference of the con	furnaces and other industrial a predominant role. Eight paper is this collection for various	Plans Burners) and A.A. Goleys Mitter Markers and A.A. Goleys	7.K. Mironenko, A.B. Reznyakov Bentisoued as being in charge o and X.D. Malyukov; Candidete as a permer of the same anivers	Seaston of De	Agionova, G.S. Irrestigating Turbulence Characteristics of a Fre Sonisothernic Jet and an Open Flanc	Kathbarov, V.P. [Candidate of Ph On Parallel and Contrary Motion o	The state of the s	Transcrincs of the Conference (Cont.)	Leballysta, T.P. (Seeldres of Technical Sciences), Addity Symmetrical Sets in Parallel and Contrary Fluc	Bulbann, S.V. Regularity of Moti	Rainrelank, M.W., and R.L. Fol'skip. On the Crisis in the Viscous Flow of Gas in a Plane Perallel Charack	Contents of the Discussion in Brief	Sessio	Terekhira, M.M., Expansion of an Medius of Different Darsity	Chebyshev, P.V. (Vassoyanny elektrotokiniche Electrotechnical Instituta)). Sloatrotheren Une (n. Tennes)	ys land		
•		٠.					*										1		:	,				: ;	. :		•	

	100	Let	305	315	ध्य		nd . 123 .			238	akt.	द्धा	156	158		SZ.	93	Property of the state of the st	2	44	F	186	É	197	
(erchee (Cont.) 501/5:90	Investigating a Scalouatricted Turbalent Jet	Alatnor, M.1. Survey of the Works of the Department of Hydrosero- dynamics of the Laningral Polykodenical Institute formi Kalinin on the Jet Theory	S.F., and S. Tsoy. Plane Job in a Gross Section of an	bespalova, V.C. Use of Bydrointegrators For Solving Set Frublens	ion in Briot	Session of October 25, 1956 (Morning)	External same, B.D., [Candidate of Technical Sciences; Docent; Technical kotlouarbinny; institut iment Polanova, L'ringrad (Central Turbire and Bonter Institute fromt Distuncy, Lendagrad)). Some Problems of the Aerodynamics of Purnace Cyclone Chambers and of the Combustion of Coal Powder Pilwerised Coal		ference (Cont.) 800/5250	Tetimenko, B.P. Candidake of Technical Selecters, ferrigmusies of an Involute let and of a Cyclope Chomber	Some Aerodynamic Problem of a Two-Trace 73 or in	and I.P. Busine. On the Problem of the Working are Chapter	depertuising Aerodynaule laws of Cyclose Chapters	ion in Brief	Session of October 25, 1976 (Evening)	of Technical Sciences; Institut emergetiki imeering)]. Uniflow Flavo of Polyestics Conl	Telegie, A.S. Regularittes of Gas Flame Burning	the Conference (Conf.) SOM/200	Pulent Ges 77	Inharev, M.R. [Cantidate of Trebatical Sciences Uralizaty published brait to interest Strove, Swaldons (first) Prolymedated Institute (san) Etrove, Swaldons (first) Presides of Hee Cas (mode of One Hearth Proposes	On the Thermal Regise of the Chaiffeation Process	aton in Ariv?	Phrait Series of the State of Parties of States of 1995 (States) and States of Parties o	eed). Indie Problem of Mar Mermalyranium	
Transections of the Conference (Cont.)	Troffrenko, A.T. Invest	Akatnor, R.I. Survey of dynamics of the Lasingra on the Jet Theory	Sherelev, 3,7,, and 5, 1	Bespalova, V.C. Use of	Contents of the Discussion in Brief		Katenel'son, B.D. [Candi kolloturbinny institut Boiler Institute frost i Some Problems of the Aer Combuston of Coml Powd	Cart 6/9	Transactions of the Conference (Cont.)	Petimonko, B.P. Candid	Volkov, Ye. V. Som An	Tonbonogiy, A.V., and J.P. Be Process in a Cyclore Chapter	Talmbor, O.V. Graeralli	Contents of the Discussion in Brief		Reinvalur, 4.8. [Doctor of Tochnical [Institute of Power Engineering]].	Telegie, A.S. Regulari	franceactions of the Conterpos (Cont.)	Tershin, Sh. A. Acrod	Kokarev, M.Z. (Carattan politekanteksiyy instructure Pestine of Hee Gas House	Bogdunar, Te. P. On t		Thulsyev, Fa. 2h. (Part) Silvey of Vork on Bydon AR Martin (Institute of Brieners Kasakhakaya Si	Roemento, S.V. (Decembed). In Feel Boundary Coeditions	Curt 5/9

SOV/124-58-8-9010

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 100 (USSR)

SENTE LESSEN LIGHT AND THE CONTROL OF THE CONTROL O

AUTHOR: Zhulayev, R.Zh.

TITLE:

Calculating the Quantity of Alluvium Entrapped by a Slit-type Sand-and-gravel Trap (Raschet zakhvata nanosov v shchelevuyu pesko-gravivelovku)

PERIODICAL: Izv. AN KazSSR. Ser. energ., 1956, Nr 11, pp 18-33

ABSTRACT:

Designs are examined of atmospheric galleries wherein the water and alluvium flow in freely through a slit in the bottom of the flow channel. The slit spans the width of the main channel, being normal to the main direction of flow. Similarity criteria are selected; differential equations of motion are set up, and results are given of some experiments. The author adduces in a general form a formula for calculating the quantity of suspended alluvium that is entrapped by the slit. Several conclusions are drawn and proposals made, amongst which: 1) The use of pressure in the gallery is considered undesirable; 2) mention is made of the importance of certain nondimensional similarity parameters in determining the motion both of the alluvium suspended in the water and of that which drifts along

Card 1/2

SOV/124-58-8-9010

Calculating the Quantity of Alluvium Entrapped (cont.)

the bottom; 3) it is asserted that increasing the width of the slit [Note: as opposed to a reference width] increases the quantity of alluvium that the slit entraps and increases also, of course, the amount of alluvium-bearing water that it diverts from the main flow. The author remarks that the wastefulness of such a procedure (particularly where there is little or no water to spare for diverting the alluvium and then flushing it away) necessitates an improvement in the design of the slit, and especially in that of the "supplementary chamber" (which separates the alluvium from the water) and of the "bottom guide baffles" which concentrate the zone of active entrainment of the alluvium and thereby reduce the amount of water needed to flush the alluvium away. The paper includes an account of methods for approaching the problem of estimating the quantity of alluvium that may be expected to be entrapped by a slit of given design. The insufficient number of numerical values given in the paper for various of the coefficients involved makes it difficult to attempt any specific calculation of a slit-type sand-and-gravel trap.

M.S. Vyzgo

Card 2/2

8(6), 14(6)

SOV/112-59-2-2689

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 2, p 58 (USSR)

AUTHOR: Arykova, A. I., Zhulayev, R. Zh., and Sugurov, Sh. P.

TITLE: Major Shortcomings in the Operation of Small Mountain Hydroelectric Generating Stations of Kazakhstan and Measures for Eliminating Them (Osnovnyye nedostatki raboty malykh gornykh GES Kazakhstana i puti ikh ustraneniya)

PERIODICAL: Izv. AN Kazakhskaya SSP. Ser. energ., 1957, Nr 1(12), pp 17-26 (summary in Kazakh)

ABSTRACT: A survey of over 40 hydroelectric generating stations in southern districts can substantiate the following general characterization of their operating conditions: (1) most stations have no engineering-type water intakes; (2) there is almost no silt control; (3) nearly all stations experience great difficulties during the winter period; (4) most stations have construction and layout of hydraulic structures which do not meet requirements of mountain

Card 1/2

SOV/112-59-2-2689

1月14 日本 美生11月 日日日 1度。669年1月17月 47年 47年

Major Shortcomings in the Operation of Small Mountain Hydroelectric...

streams. Major design shortcomings are: (1) unlucky selection of site of many hydroelectric generating stations; (2) inadequate allowance for long-range development of the district; (3) imperfect construction and layout of water intakes, settlers, spillway structures, and headwater reservoirs; (4) assigned low stream speeds in channels insufficient for frazil-ice removal. Major causes of inadequate operation of the stations are: (1) relatively low engineering qualifications of the service personnel; (2) absence of proper supervision and technical guidance; (3) absence of operating instructions, etc. Ways of eliminating the above shortcomings are suggested.

Yu.M.S.

Card 2/2